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DECEMBER 6, 1924.

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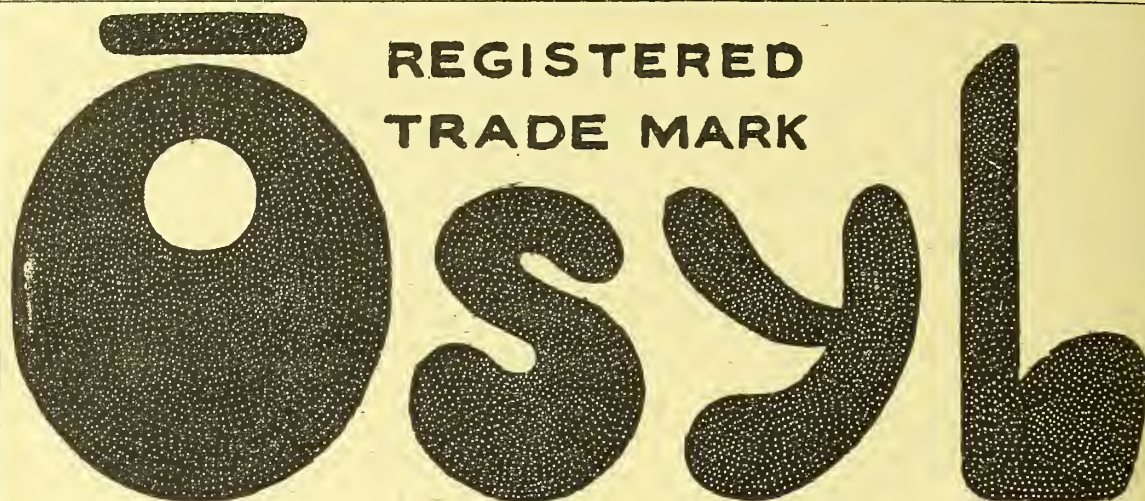
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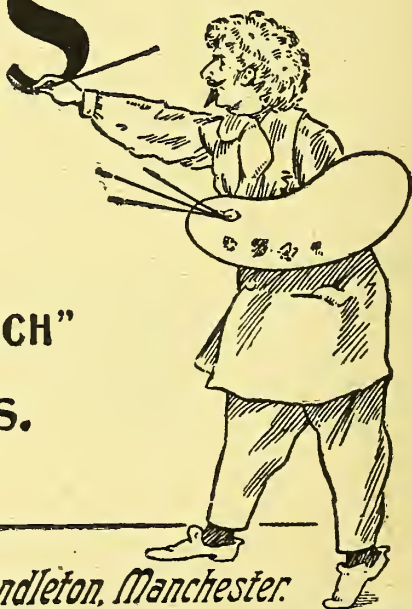
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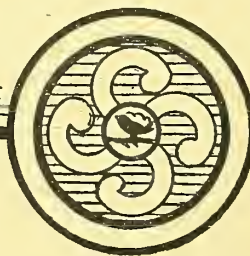
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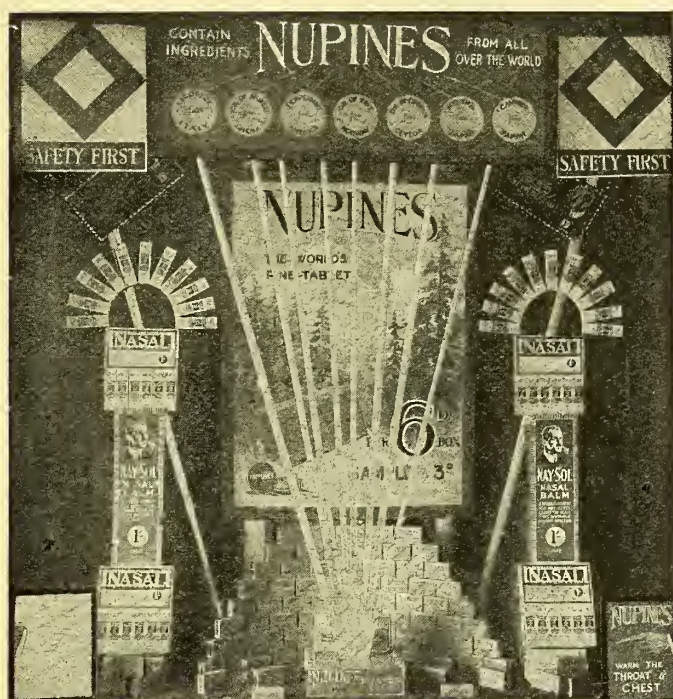
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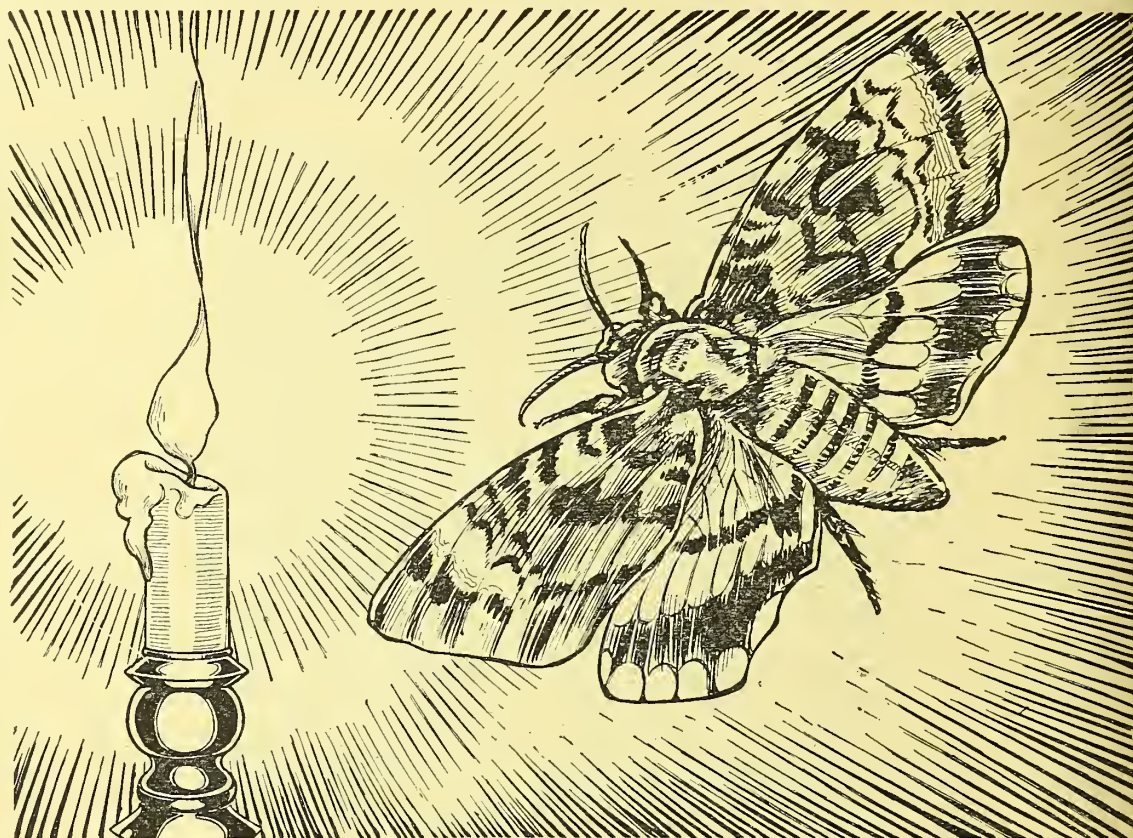
included, and if any Nasal Balm is purchased, show matter for this as illustrated is also sent.

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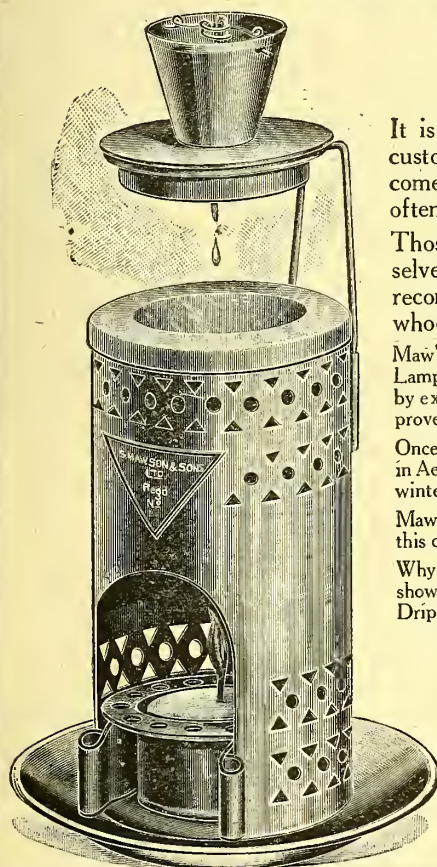
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Maw's Page



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Show Maw's Drip-Feed Vapor Lamp



It is these damp winter days that provide so many extra customers for the pharmacist. The many ailments which come with winter need treatment, and the pharmacist is often asked for his opinion and assistance.

Those pharmacists who know, and have probably themselves used Maw's Drip-Feed Vapor Lamp, always recommend it for the alleviation of bronchitis, influenza, whooping cough, and to stop the progress of a bad cold.

Maw's Aero-Cotarol, which is used in conjunction with the Drip-Feed Lamp, is made from a formula which has been carefully compounded by experts for all complaints of the respiratory tract, and it has been proved after many years to be of inestimable value for these complaints.

Once you have sold a Drip-Feed Lamp there is the continued business in Aero-Cotarol throughout the bad weather which makes it such a good winter line.

Maw's Drip-Feed Lamp, which is the safest and most efficient device of this description, is sold only by pharmacists.

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Telegrams:
Eleven
Cent
London

TRADE MARK



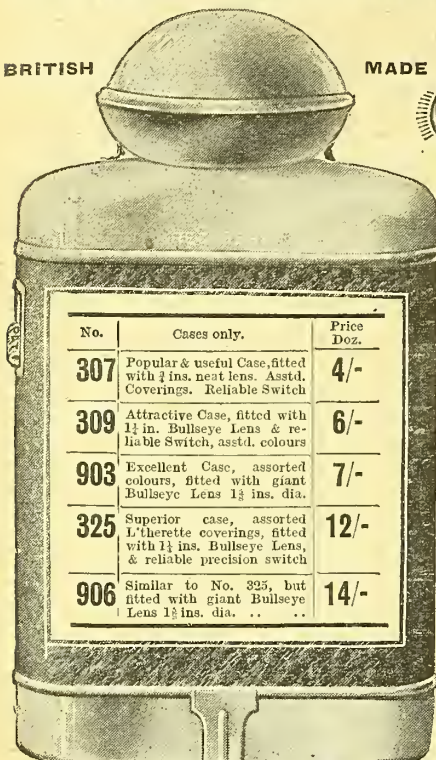
Cables:
Eleven
London

Code:
A.B.C.
4th & 5th
Edition

ELECTRIC POCKET LAMPS

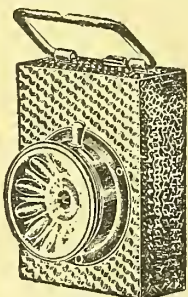
BRITISH

MADE



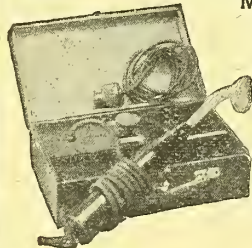
ELECTRIC REVOLVER FLASH LAMP

An excellent reproduction. The battery fits in base, and on pressing the Trigger contact is made illuminating the Bulb brilliantly. Complete with Battery and Bulb. Price 28/- doz.



MAGNETO MACHINES

VIOLET RAY HIGH-FREQUENCY MACHINES

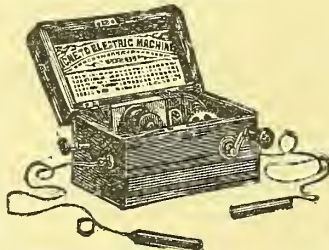


British Made. To work from the Lighting Circuit or from Accumulators. Full particulars on request.

net. No. D21/0A. Single Wheel Magneto, more powerful. Approx. size, 8 x 5 x 4 in., 20/3 each net. No. D21/1A. Very superior quality and extra strong. Approx. size, 10 x 5 x 4 in. Price 22/6 each net.

No. D21/00A.

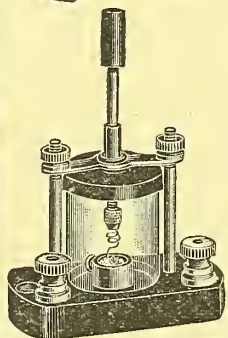
Single Wheel Magneto in polished pine case, regulator, cord and handles complete. Approx. size, 8 x 4 x 3 1/2 in. Price 15/9 each net.



"GOLSTONE" Regd. CRYSTAL RECEIVING SETS

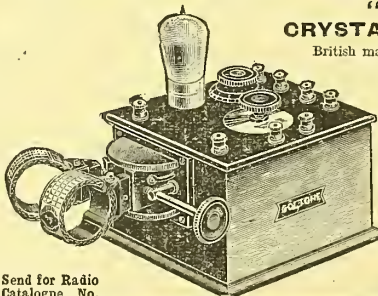
British made. Licensed under Patent No. 213905/23.

Equal in results to sets sold at many times the price. Moulded Polished Ebonite Top and Base, Archimedeian fine tuning, Dustproof Detector, complete with the "Sonette" Crystal Model R4/1. Wave Length 150 to 600 Metres, 7/6. Model R4/1C, Wave Length 150 to 1,800 Metres, 10/6. Subject Trade Discount. Packed in attractively labelled box.

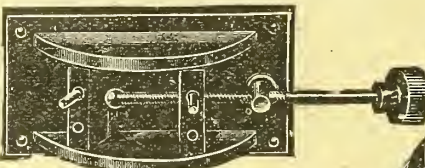


"GOLSTONE" CRYSTAL DETECTORS Excellent Finish. Mounted on Ebonite Base, fitted with Glass Dust Shield. No. R21/12. Price 1/9 each; 18/6 doz. Parts only for Panel Mounting, No. R21/10: 1/6 each; 15/- doz.

Subject Trade Discount. Vertical and Horizontal types supplied at same price.



Send for Radio Catalogue No. R/111 for full particulars of the "Golstone," Crystal and Valve Receiving Sets and Component Parts. Enclose Business Card for Special Trade Terms and Discounts.



"GOLSTONE" Micrometer Regulating COIL HOLDERS

High Grade Finish. Enables the finest possible tuning, considerably increasing the Selectivity, Efficiency and Reliability of the Receiving Set. Two Coil Type, 9/- each. Three Coil Type, 12/6 each. Subject Trade Discount.

Post Free on receipt of TRADE CARD or MEMO.

Fully illustrated 72 page Catalogue, showing a wide range of Pocket Lamps, Torches, Hand Lamps, Electro Medical Apparatus, Wireless Receiving Sets and Component Parts, etc., etc.



"VOLEX" STANDARD POCKET LAMP DRY BATTERIES

Guaranteed British Made. Guaranteed Manufactured from the finest selected chemicals. Price 4/6 doz. Super Quality Price 5/6 doz.

The "SUNRAY" WAISTCOAT POCKET ELECTRIC TORCH

P. Patent. BRITISH MADE.



British Made. Size 5 1/2 x 2 in. Weight 4 ozs. As useful and convenient as a fountain pen. As serviceable as the largest size torches. A waistcoat Pocket Torch of elegant appearance giving a brilliant and lasting light. Complete with Dry Battery and Bulb.

The "RELIANCE" HAND LAMP

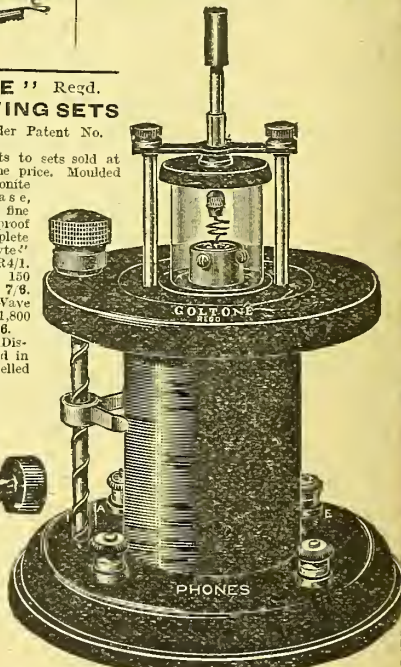
Highly finished all metal Hand Lamp. Most reliable fitted with Bullseye Lens, Switch and Handle. Complete with best Battery and Bulb. Price 30/- doz. Takes the standard size Refill.

Price 20/- doz. In ordinary use refill lasts from 6 to 9 months.

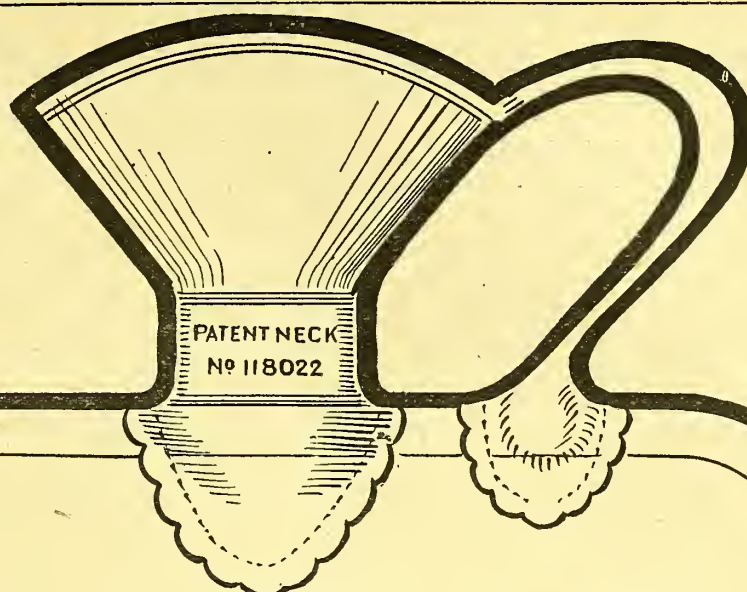


ELECTRIC HOT OR COLD AIR DOUCHE

Indispensable in every home. A Toilet luxury. A Bathroom necessity. Warm or Cold Air can be blown where desired. It is of the utmost value for Rheumatism, Gout, Lumbago, etc., etc. Price complete with connecting cord and adapter, 45/- net. Please state voltage when ordering and if for Direct or Alternating Current.



Ward & Goldstone
PENDLETON MANCHESTER LTD.



WATER BOTTLES

THE PATENT NECK MEANS

EASY FILLING NO LEAKAGE NO SPLASHING

EVANS' QUALITY is always at "Its Best" in ALL CLIMATES

$\frac{8 \times 6}{3/3}$
each

$\frac{12 \times 6}{4/3}$
each

$\frac{10 \times 8}{4/6}$
each

$\frac{12 \times 8}{5/-}$
each

$\frac{14 \times 8}{5/6}$
each

$\frac{12 \times 10}{6/-}$
each

It always is worth while to pay a little extra and buy the best bottle that is made

We have a cheaper grade of good value

THE BARTS

$\frac{2/9}{}$
each

$\frac{3/6}{}$
each

$\frac{3/9}{}$
each

$\frac{4/3}{}$
each

$\frac{4/9}{}$
each

$\frac{5/-}{}$
each

EVANS SONS LESCHER & WEBB LIMITED
LIVERPOOL LONDON
NEW YORK

**A COMPETITION THAT WILL GROW WEEK BY WEEK !
AND WITH IT WILL GROW YOUR WEEKLY SALES OF**

"AURORAL"
COLD WATER

DYES

Let us tell you all about it

THIS Competition, which is a PAINTING COMPETITION FOR CHILDREN, is in reality a series of weekly Competitions with a weekly distribution of prizes. We ask you to co-operate with us in this novel scheme to secure a continuous weekly demand for our well-known AURORAL COLD WATER DYES.

All we ask you to do is to accept a supply of FREE PAINTING CARDS (with full particulars of the Competition printed on the back) for distribution to your customers and other applicants.

A condition of entry is that YOUR NAME AND ADDRESS shall be given in the space provided, and competitors *must* purchase a packet of AURORAL COLD WATER DYES before they can enter the Competition. This condition must unquestionably stimulate your weekly sales of AURORAL DYES.

A supply of Painting Cards is at your disposal, together with an attractive Window Slip. In the event of any of your customers winning prizes, information will be sent you at once with a special window slip for display, and you will be entitled to a special bonus of one dozen AURORAL DYES free, with your next order.

If you have not received a supply of Painting Cards drop us a Post Card and we will send some at once.

WHITAKER & COMPANY, Dye Specialists, KENDAL, ENG.

Your Xmas Wines



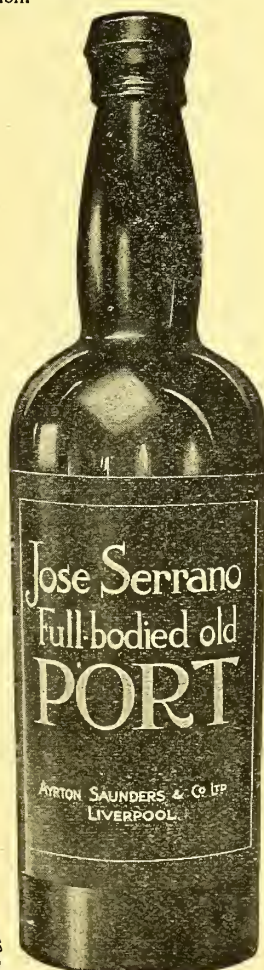
OUR XMAS WINE LIST is a matter for very careful selection. It will make friends for you, and friends for your friends. A poor Wine passed over your counter will repudiate your

good name and bring consternation and loss.

JOSÉ SERRANO is an old friend, a mature friend of a ripe old age. It acts as a friend and claims friendship—it exudes goodwill and makes goodwill.

A jolly good fellow which drinks a toast to itself every time the glass is filled.

José Serrano Port Wine	1-3 doz.	6 doz.	1 gross
In bottles 6 to gallon.	60/-	59/-	58/- doz.
José Serrano Sherry	59/-	58/-	57/- „
In bottles 6 to gallon.			



**AYRTON,
SAUNDERS
& CO., LTD.**
Wine Importers,
LIVERPOOL

“Rodrigo” Port Wine

In bottles 6 to gallon.

1-3 doz.	6 doz.	1 gross.
42/-	41/-	40/- doz.

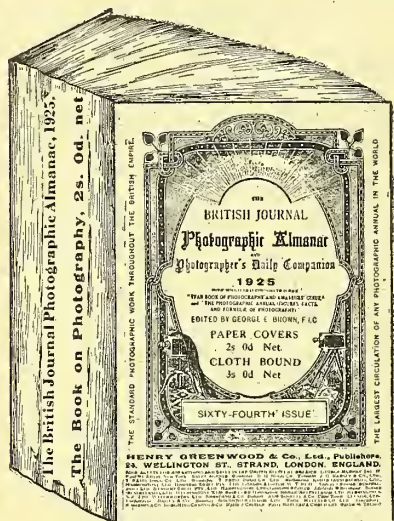
Ayrton's Invalid Port Wine

In bottles 6 to gallon.

1-3 doz.	6 doz.	1 gross.
43/-	41/-	40/- doz.

Photographic Chemists

make the most of your D. & P. customers



There are dozens of articles used in photography which can be retailed at a substantial profit.

Don't fail to keep a copy of the "B.J." Almanac by you. A book consisting of over 800 pages of interesting reading matter and advertisements, published annually for the past 64 years.

Its advertising pages contain the announcements of practically every photographic firm in Great Britain, also the principal ones abroad. There is a complete classified index to goods advertised. No matter what your customer requires, the manufacturer's or supplier's address will be found in the Almanac. The 1925 edition is now ready.

Stocked by MAY, ROBERTS; SANGERS; WOOLLEY; SOUTHALL; THOMPSON; HOUGHTONS; BUTCHERS; A.P.M.; etc.

Paper covers 2/- net. Cloth bound 3/- net.

Henry Greenwood & Co., Ltd., 24 Wellington Street, London, W.C.2



FAIRY DYES

Mean Greater Turnover for You—and Absolute Satisfaction for Your Customers.

THERE is no more attractive line on the market to-day—there is no better seller—and no article has made larger strides in popular favour.

FAIRY DYES

are now sold in glass tubes, encased in smart, clean-looking "safety-first" cartons. They are retailed at 2d. each, made in 25 popular shades and colours, and are extensively advertised in the right publications.

You can rely upon Fairy Dyes—for prompt delivery in any quantities—for fresh stocks—for quick, easy-to-handle, clean turnover, and as tried favourites your customers are always satisfied. See that you are supplied without delay.

For Trade Terms and particulars write to

FAIRY DYES, LTD.,

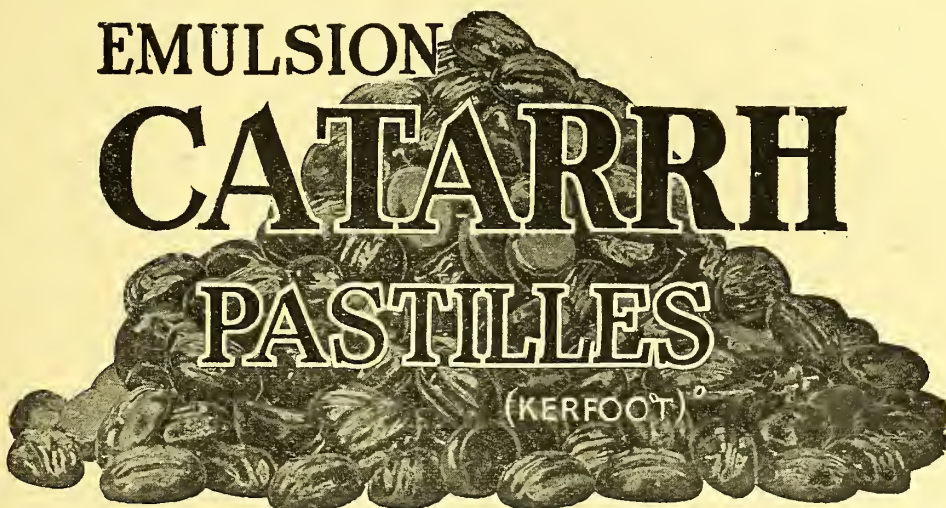
61, WELL ROAD
GLASGOW.

London Depot

292 UPPER STREET, ISLINGTON, N.1.



EMULSION CATARRH PASTILLES



A SPECIAL PASTILLE FOR A SPECIAL PURPOSE

THE formula of "Emulsion" Catarrh Pastilles (Kerfoot) was designed for one specific purpose — to relieve quickly the congestion, soreness and choking sensations which are the unpleasant symptoms of Nasal and Throat Catarrh — and they fulfil that purpose far more satisfactorily than any general-utility pastille can possibly do. In addition they have proved valuable

for the quick cure of spasmodic coughing.

¶ Catarrh Pastilles (Kerfoot) have a pleasantly pungent base, and as they do not contain licorice they are specially appreciated by all who dislike the licorice taste. From raw material to the finished product these Catarrh Pastilles are manufactured by automatic machinery which eliminates human handling

"Emulsion" Catarrh Pastilles (Kerfoot) are sold in bulk, price 2/6 per lb. They are also packed in "Marble" tins retailing at 9d. and 1/4 per tin (P.A.T.A.), price 5/6 and 11/- per dozen, and in 2 oz. and 4 oz. gold lacquered tins, with "own name" labels, price 7/6 and 13/6 per dozen. Ask for sample and particulars of quantity reductions and bonuses.

THOMAS KERFOOT & CO. LTD.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

A/578

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Telegrams: "ESSYNTHET, LONDON."

Telephone: AVENUE 1419.

ESSENCES & SYNTHETICS, LTD.



4 Carlisle Avenue, Fenchurch Street
LONDON, E.C.3

WILLIAM C. SLATER, Managing Director.



OTTO of ROSE—BOTU PAPPAZOGLU & Cie.

We are carrying London Stocks of our Principal's brands:—

"OWN DISTILLATION" AND SUPERFINE CACHET OR

Each of these qualities, in its own class, has stood the test of time. Whether by chemical analysis or the odour test these qualities stand out pre-eminently the finest obtainable.

We shall be pleased to send samples.

New and Genuine INDIAN PERFUMES

These new Indian perfumes were sure sellers at our stall at the British Empire Exhibition, and so extremely popular have they been that we have decided to continue selling them to the public through the trade. If you want an already proved fine line for your Christmas trade you cannot do better than order these now.

DROP PERFUMES IN DAINTY PHIALS.

Aparajita, Amber, Jasmin,
White Rose, Sandal.

These are a particularly good
line at Christmas for ladies'
handbags, and being in-
expensive have a ready
sale at .. each **1/3**

POUDRE NOORJAHAN.

A delightful face powder in
Cream, Natural and Rachel
No. 1.

1/3 and 4/-

INDIAN PERFUMES IN PRESENTATION CASES.

These new Indian perfumes
will make an attractive dis-
play, and being something
original will command ready
sale at reasonable
prices. From per bottle **3/-**
In presentation cases
From **15/6**

"NENA"
VANISHING CREAM.
Something new and subtly
perfumed. **6d. and 1/3**

Attractive Showcards supplied. Usual **33 1/3%**
discount to the Trade. Terms: **2 1/2% Cash.**



To secure this fine
Selling Line for
Christmas send
your order to-day.

Delivery guaran-
teed in time for
Christmas trade if
order is dispatched
now.

BROOKS-WEIR LTD., 6/7, Adde St., London, E.C.2.

"VELVEE-CLING" CREAM AND POWDERS VANISHING CREAM

NEW SIZE IN TUBES PER DOZEN **4/-**

FACE POWDERS

DELICATELY PERFUMED, PACKED IN **4/3**
FOUR SHADES. NEW SIZE

GRAND SELLERS

Larger size of both the above lines **8/-**
IT PAYS TO STOCK THESE LINES.

Samples post free on receipt of your Trade Card.

BENTON-SMITH, LTD.

Manufacturers and Importers of
"EVERYTHING FOR THE TOILET."

DALTON STREET & BULL STREET
(Entrance Dalton Street, 2 doors from Bull Street)
BIRMINGHAM.

Still Time to Capture the Xmas Trade!

by *Piesse & Lubin's aid*

NINETY PER CENT. of the Christmas Gift Trade is done at the last moment. There's still time for you to capture it by making bold displays in your windows and on your counters of these splendid Piesse & Lubin Gift Lines.

PIESSE & LUBIN'S GIFT LINES

pay you handsomely. $33\frac{1}{3}\%$ profit accrues to you from the sale of these popularly-priced, artistically bottled and packaged perfumes and toilet preparations. And the quality of the goods needs no emphasis.

OPOPONAX FROLIC CŒUR DE JEANNETTE ROSE DE DAMAS

are four of the best sellers in the Piesse & Lubin range. Produced "en suite," each individual fragrance in perfume, face powders, soaps, bath salts, etc.

Face Powders:	
Frolic	1/6
Other Fragrances .. .	2/6
Solid Face Powder, in card box with puff .. .	1/-
Solid Face Powder, in gilt metal box with puff and mirror in lid .. .	3/-
Talcum Powder .. .	1/-
Bath Crystals .. .	2/6
and upwards	
3 Tablet Soaps .. per box	3/-
Bath Soap .. per tablet	1/-
per box of 3 dozen	5/6
Face Cream, Day or Night, per jar	2/6

$33\frac{1}{3}\%$ Profit

PIESSE & LUBIN, Ltd.

244 High Holborn
LONDON, W.C.1

PIESSE & LUBIN'S OPOPONAX

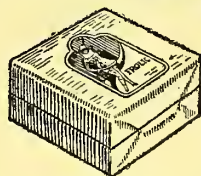


Often imitated, but never equalled. The most-favoured Opoponax. Prices 3/6, 6/-, 11/- and 20/-.

Retail price subject to $33\frac{1}{3}\%$.

"FROLIC" BATH CRYSTALS

A bumper line, selling at 2/6. Shows you $33\frac{1}{3}\%$ profit. An ideal Xmas gift. One of the "Frolic" Series.



"FROLIC" FACE POWDER

Just the thing one girl will give to another at Christmas time. A ready seller. Price 1/6. Your profit $33\frac{1}{3}\%$.



PIESSE & LUBIN'S DAY CREAM

In dainty jars of unique shape. A perfect line for Christmas presentation. Also **NIGHT CREAM**. Retail at 2/6 per jar. Price to trade, $33\frac{1}{3}\%$ less.



The present tendency is away from the heavier and cruder types of Eastern perfume, and towards the more delicate and refined floral types.

"The last word in Lilac Perfumes."

Lilas
Lilas

(SPURWAY).

Appeals to the most fastidious taste.

In dainty bottles, with artistic show-cards and display material.

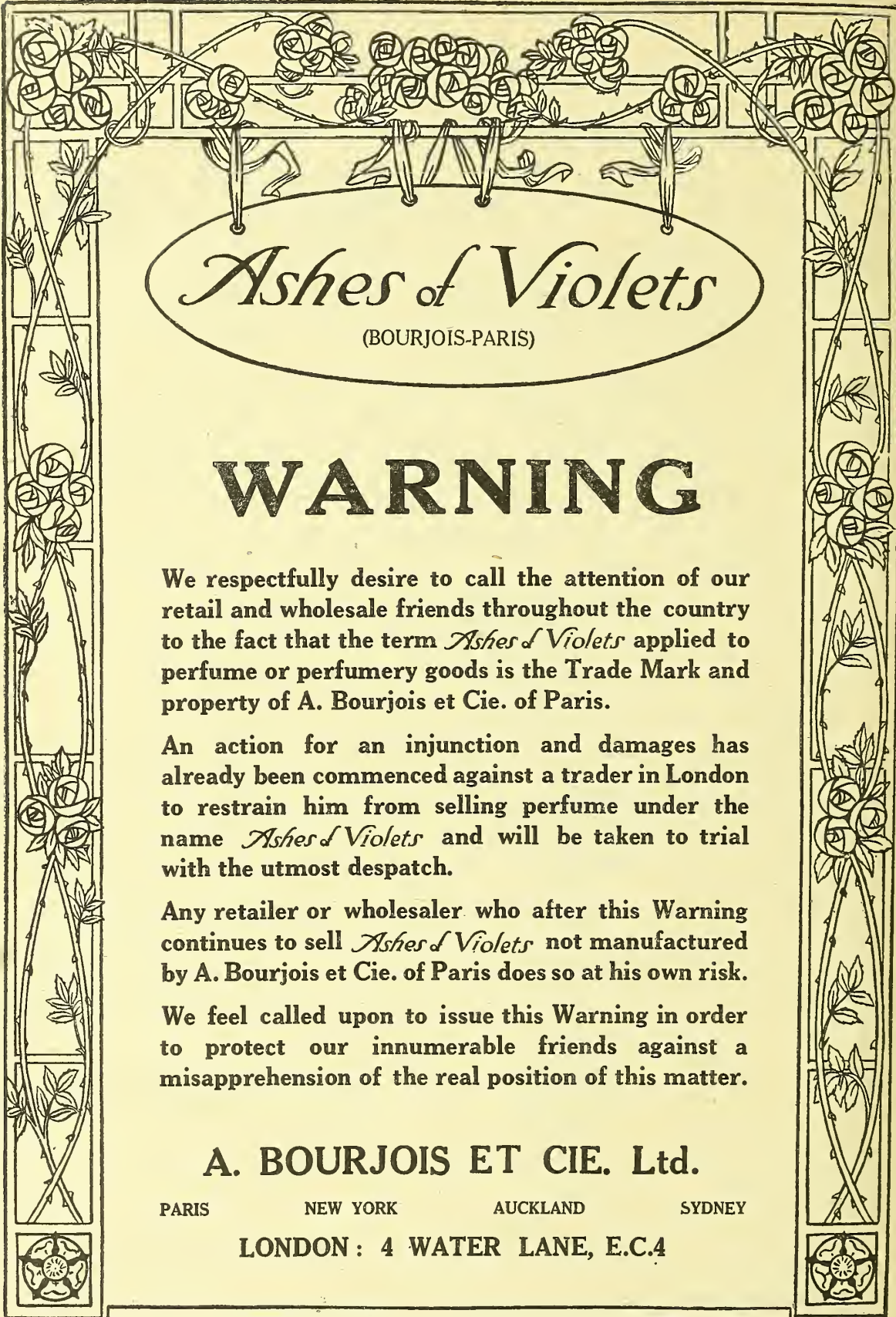
SPURWAY ET CIE.
LIMITED

89 GREAT EASTERN ST.
LONDON, E.C. 2.

Telegrams: "Neroli, London."
Telephone: Bishopsgate 1372.

Factories & Distilleries: Cannes-Grasse, Riviera,
Technical Laboratories: Paris.

NEW YORK. LEIPZIG. KINGSTON (ONTARIO).



Ashes of Violets

(BOURJOIS-PARIS)

WARNING

We respectfully desire to call the attention of our retail and wholesale friends throughout the country to the fact that the term *Ashes of Violets* applied to perfume or perfumery goods is the Trade Mark and property of A. Bourjois et Cie. of Paris.

An action for an injunction and damages has already been commenced against a trader in London to restrain him from selling perfume under the name *Ashes of Violets* and will be taken to trial with the utmost despatch.

Any retailer or wholesaler who after this Warning continues to sell *Ashes of Violets* not manufactured by A. Bourjois et Cie. of Paris does so at his own risk.

We feel called upon to issue this Warning in order to protect our innumerable friends against a misapprehension of the real position of this matter.

A. BOURJOIS ET CIE. Ltd.

PARIS

NEW YORK

AUCKLAND

SYDNEY

LONDON : 4 WATER LANE, E.C.4

Ashes of Roses

WARNING

We respectfully request the urgent attention of our retail and wholesale friends throughout the Country to the Order made on the 20th December, 1923, and in accordance with this Injunction we will at all times take whatever proceedings may be necessary to preserve our rights.

In the high Court of Justice.

1923 W. 4398.

CHANCERY
DIVISION.

MR. SYNGE.
Registrar.

MR. JUSTICE ROMER.

THURSDAY the 20th day of DECEMBER 1923.

Fo. 205.

Between PAUL LEHMANN WERTHEIMER and PIERRE JULES
WERTHEIMER trading as A. BOURJOIS ET CIE Ltd. *Plaintiffs.*

AND

J. MURPHY and WINSTONE & CO. - - - *Defendants.*

UPON MOTION this day made unto this Court by Counsel for the Plaintiffs and UPON HEARING Counsel for the Defendants and UPON READING the Writ issued on the 11th December 1923 and the Plaintiffs and Defendants Joseph Murphy and Lewis Weinberg (trading as Winstone & Co.) by their Counsel consenting to the hearing of the said Motion being treated as the Trial of this action and consenting to this Order.

THIS COURT DOTH ORDER that the Defendants and each of them and their respective servants and agents be perpetually restrained from selling offering or exposing for sale or procuring to be sold any perfume or other perfumery goods not of the Plaintiffs' manufacture under the name *Ashes of Roses* And from passing off or attempting to pass off or enabling or assisting others to pass off any perfume or other perfumery goods not of the Plaintiffs' manufacture as or for perfume or perfumery goods of the Plaintiffs' manufacture by the use of the said name *Ashes of Roses* or otherwise howsoever.

AND IT IS ORDERED that the Defendants do and each of them do on or before the 27th December 1923 make and file an affidavit or affidavits and deliver a copy or copies thereof to the Plaintiffs' Solicitors stating the numbers of labels and documents which were on the 14th December 1923 in their or his possession or power or under their or his control which contain the words *Ashes of Roses* applied to goods not being the Plaintiffs' goods and do at the same time deliver to the Plaintiffs' Solicitors the said labels and documents.

AND IT IS ORDERED that the Defendants pay to the Plaintiffs the sum of Ten pounds as agreed damages and also their costs of this action such costs to be taxed by the Taxing Master in case the parties differ.

A. BOURJOIS ET CIE, Ltd., 4 Water Lane, LONDON, E.C.4

PARIS

NEW YORK

AUCKLAND

SYDNEY

Ashes of Roses WARNING

We respectfully request the urgent attention of our retail and wholesale friends throughout the Country to the Order made on the 21st November, 1924, and in accordance with this Injunction we will at all times take whatever proceedings may be necessary to preserve our rights.

In the High Court of Justice.

1924 W. 2876. Stamp £2

CHANCERY

DIVISION.

MR. JUSTICE RUSSELL.

MR. HICKS

Registrar

Fo. 125

FRIDAY the 21st day of November, 1924.

Between PAUL LEHMANN WERTHEIMER and PIERRE JULES WERTHEIMER trading as A. BOURJOIS ET CIE Plaintiffs.

AND

ROBERT LANGFORD - - - - Defendant.

SUPREME COURT OF JUDICATURE,
28th November 1924 ENTERED.

UPON MOTION for an injunction this day made unto this Court by Counsel for Plaintiffs and UPON HEARING the Defendant in person and UPON READING the Writ of Summons issued on 11th November 1924 and the Plaintiffs by their Counsel and the Defendant in person consenting that the hearing of this Motion should be treated as a Motion for Judgment and consenting to this Judgment.

THIS COURT DOTH ORDER that the Defendant his servants and agents be perpetually restrained from selling offering or exposing for sale or procuring to be sold any brilliantine or other perfumery goods not of the Plaintiffs' manufacture under the name *Ashes of Roses* And from passing off or attempting to pass off or enabling or assisting others to pass off any brilliantine or other perfumery goods not of the Plaintiffs' manufacture as or for brilliantine or perfumery goods of the Plaintiffs' manufacture by the use of the said name *Ashes of Roses* or otherwise howsoever.

AND IT IS ORDERED that the Defendant do forthwith within seven days after service of this Order upon him upon oath deliver up to the Plaintiffs or their authorised agent or agents all Brilliantine and perfumery goods labels and documents in the possession or power or under the control of the Defendant which contain the words *Ashes of Roses* applied to goods not being the Plaintiffs' goods.

AND IT IS ORDERED that the following inquiry be made that is to say:

(1) AN Inquiry what damages have been sustained by the Plaintiffs by reason of the acts of the Defendant complained of in this action.

AND IT IS ORDERED that the Defendant do within 21 days from the date of the Master's Certificate of the result of such inquiry pay to the Plaintiffs what shall be certified to be the amount of such damages if any.

AND IT IS ORDERED that the Defendant do pay to the Plaintiffs their costs of this action down to and including this Judgment to be taxed by the Taxing Master.

A. BOURJOIS ET CIE, Ltd., 4 Water Lane, LONDON, E.C.4

PARIS

NEW YORK

AUCKLAND

SYDNEY

DEARBORN (1923) LTD.

37 Gray's Inn Road, London, W.C.1

Toilet Specialties.

	Price per doz. to Retailer	Selling Price P.A.T.A.
PILENTA SOAP A complexion soap.	10/-	1/-
PROLACTUM For the lips.	10/-	1/-
PARSIDIUM JELLY For wrinkles.	10/-	1/-
ALLACITE OF ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM A hair tonic.	22/6	2/6
CLEMINITE For a face lotion.	22/6	2/6
COLLIANDUM For a face tint.	22/6	2/6
PERGOL A deodorant.	22/6	2/6
TEKKO PASTE Camphor cream.	22/6	2/6
STALLAX For a shampoo.	22/6	2/6
JETTALINE For clearing the skin.	31/6	3/6
PHEMINOL A depilatory.	36/-	4/-
MENNALINE For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	{ 18/- 31/6	{ 2/- 3/6
STYMOL For oily complexions and blackheads.	36/-	4/-
SILMERINE Hair-curling fluid.	22/6	2/6
BARSYDE Dandruff eradicator.	22/6	2/6
TAMMALITE For grey and faded hair.	22/6	2/6
LIQUID PERGOL To check excessive perspiration locally.	31/6	3/6
BICROLIUM For whitening the hands.	22/6	2/6
COCONOIDS For figure development.	31/6	3/6

The Products of

Messrs. PARKER, BELMONT & CO.

CLYNOL BERRIES For obesity.	{ 36/- 58/6	{ 4/- 6/6
SOFT PALERIUM For wrinkles.	45/-	5/-
LIQUID NAIL POLISH Brilliant and lasting.	10/-	1/-

Stocked by ALL Wholesale Houses.

COLONIAL DEPÔTS AND AGENCIES.

Australia: ALL WHOLESALE, & DEARBORN (Australia), Ltd., Grace House, Clarence Street, Sydney.
South Africa: LENNON Ltd., Cape Town, etc.
 SIVE BROS. & KARNOVSKY, Johannesburg.
India: FRAMJEE & SON, Bombay.
 A. L. CHOUDRY, Calcutta.
New Zealand: SHARLAND & CO., Auckland and Wellington.
South America: DEARBORN (South America) Ltd., Calla Salta 264, Buenos Aires.
Straits Settlements & Federated Malay States: MEDICAL HALL, Ltd., Singapore.

Nuctone

for GREY HAIR

—IS IT ON YOUR COUNTER?

NUCTONE is a lucrative selling line which you cannot afford to ignore, therefore give it prominence in your window and counter display and make money.

NUCTONE is not an ordinary instantaneous hair dye, but a harmless and guaranteed safe product that restores the normal colour to grey hair *gradually* and *without embarrassment*. There are no ingredients in NUCTONE that will injure the skin or hair. It's the combined action of NUCTONE with light and air that rejuvenates the pigment cells of the hair.

NUCTONE is a colourless liquid and its application is simplicity itself, for by merely combing it through the hair its action commences. This is permanent until the growth of new hair makes further application necessary.

The fame of NUCTONE has spread throughout the country and every day brings demands from some new quarter, together with many testimonials to its efficacy.

Let NUCTONE make friends and profits for you.

Showcards and explanatory booklets for free distribution are furnished on request.

Retail Price 3/9 & 6/6 per bott.
 Trade „ 32/- & 52/- per doz.

Nuctone Concentre.

Retail Price 6/6 & 12/6 per bott.
 Trade „ 52/- & 84/- per dozen.

In three grades

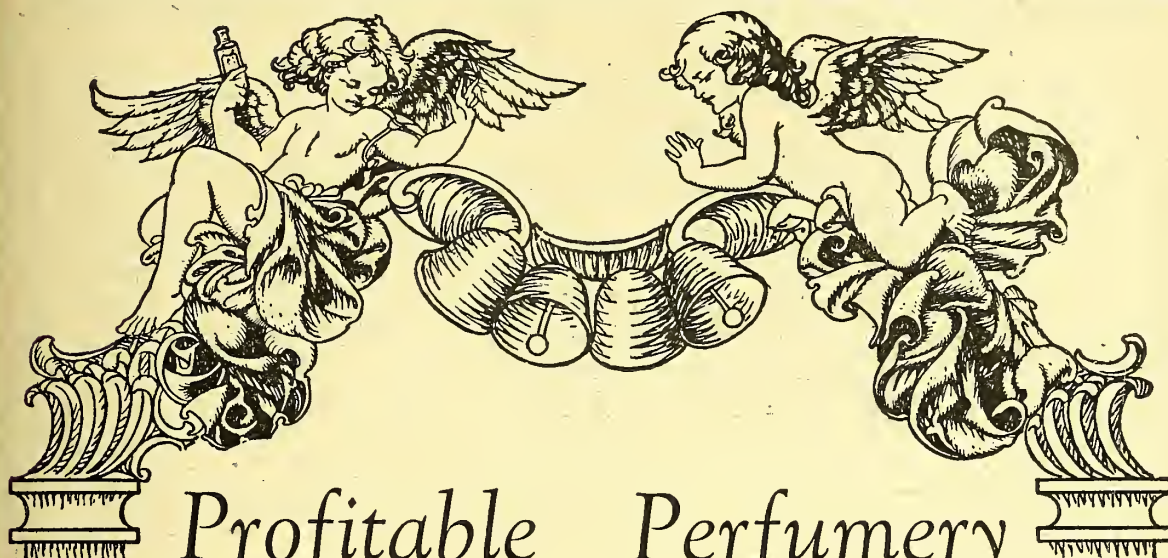
NUCTONE for dark and medium hair.
 NUCTONE ECLAIRE for fair & auburn shades
 NUCTONE CONCENTRE for Gentlemen,

Obtainable from—

QUELCH & GAMBLE, Ltd.
 211/215 Blackfriars Rd., London, S.E.1

Manufactured by

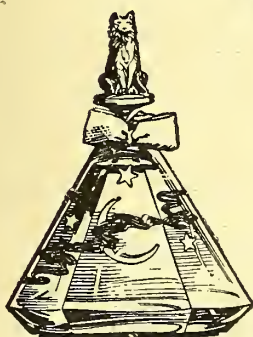
STEWART, GOODALL & DUNLOP, LIMITED.
 4 Dering Street - - - - - London, W.1



Profitable Perfumery

Exquisite Perfumes deserve fine presentation and the most recent Vinolia Productions combine attractiveness with rare quality. They fear no comparison and challenge any tests. They illustrate how good British Perfumes can be, and are packed in forms and at prices which should stimulate buying. They will be advertised too.

There are test tubes at 1/3 and special presentation boxes at all prices. Make a patriotic duty a profitable pleasure by displaying Vinolia as your chief attraction this year. The profit now provided is better than ever. Full details of sales aids on application.



Vinolia

PERFUMERY

"In each bright drop there is a spell"

VINOLIA COMPANY, LTD.
Blackfriars, London, E.C.4
Laboratories: Bebington, Cheshire

P.V. 36-29T

Are you selling HU-MAG-SO-LAN?

Now in
three sizes,
3/9, 6/9,
& 12/6.

CHEMISTS everywhere tell us that our great advertising campaign is beginning to build up a big trade in this wonderful hair food. The new small sizes make it easy for the public to buy a trial bottle, and almost invariably they come back for more.

Our advertising is of course being continued, even increased. It will bring you more business than ever. Will you take advantage of it? If you already have a stock, display it prominently. If you are out of stock, order a supply of all three sizes to-day.

Liberal Window Display Terms on application.

HU-MAG-SO-LAN

10 CHARING CROSS ROAD, LONDON, W.C.2.

Now is the time to display

For Xmas Gifts—
“*Narcisse de Chine*”

If you haven't stocks of the Vivaudou “Narcisse de Chine” Preparations you'll miss valuable Xmas trade. This wonderfully true perfume is as fragrant as it is lasting. Perfume, Complexion Powder and Talc—all are equally perfect. Write for supplies to

PENNEY & CO., LTD.

20 Old Cavendish St., London, W.1

Telephone & Telegrams:
Mayfair 6651

VIVAUDOU

PRONOUNCED “VEEV-O-DOO”

Toilet Preparations

SHOW Vivaudou Preparations prominently in your window and on your counter. Let your customers *see* the attractive packings and you'll *sell* more toilet goods this Christmas than ever before. You can recommend every Vivaudou line with confidence, because nothing but what is pure and perfect is sealed with the name Vivaudou. Moreover, Vivaudou advertising is making special efforts to increase your sales—so look over your stocks NOW and order early to avoid disappointing the customers we will send to you.

Your Profit on Vivaudou Preparations is 33½% to 40%



THE
ORIGINAL
AND
STILL
THE BEST

Frozoclone

REGD.

HAS
MANY
IMITATORS
BUT NO
EQUAL

A high-class Speciality suitable for
CHRISTMAS TRADE



In Green Bottles, Registered.

The One Solid Cologne that really does give **SATISFACTION**

Made from the finest Eau de Cologne solidified by a special process which allows the complete bulk of perfume to be available. It remains fragrant till the last spot.

Its elegance and utility appeal to all.

Refreshing when rubbed on the forehead; therefore, invaluable in a heated atmosphere or when travelling. Excellent after shaving. A boon to those in Hospital.

Retail 3s. 6d. Minimum (P.A.T.A.) **Per Doz. 32/-**

*Special Terms for Bonded
Shipment of 4 gross minimum.*

SOLID ENGLISH LAVENDER Terms as for "Frozoclone."

ANALAX The Ideal Fruity Laxative, in Pastille form. Retail 2s. 3d. minimum.

CARNATE The Elegant Nail Polish. In White Pots. Retail 1s. 9d.

MUTHOL The Original Solid Russian Paraffin Liquid B.P. 90%. In several flavours.

R. DEMUTH'S LABORATORIES
68 Salusbury Road, and Montrose Avenue, LONDON, N.W.6.

Two Christmas Winners!

KALKA

TOILET SOAP. ½-dozen tablets in an attractive box ... 66/- gross

BEAUTY POWDER. 4 ounces of highly perfumed Face Powder in an artistic package ... 84/- gross

—NO MAKER'S NAME ON THE PACKAGES—

R. F. WHITE & CO., Ltd., The Non-Combine House, 34 Victoria St., S.W.1

DODGE & OLCOTT CO.,

20 MARK LANE,
LONDON, E.C.3.

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT,
SASSAFRAS, ETC.

BALSAMS of Copaiba, Peru, Tolu.
TONKA BEANS, Angosturas.

Phone—
ROYAL 3843.

Telegrams—
"EGDARF, FEN, LONDON."

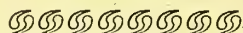
"Jackel's Cream"

(without Grease)
for THE HAIR

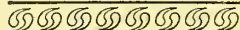
Sold Everywhere
Established 1883.



CRYSTALLISED
7 oz. CREAM 10 oz.
Trade Mark attached to each
bottle.



"Jackel's Cream"
fixes the hair in any de-
sired position; is un-
excelled as a dressing
and does not soil the
headwear. It removes
Scurf and Dandruff,
keeps the scalp healthy,
and promotes the natu-
ral growth of the hair
while maintaining its
softness and brilliancy.

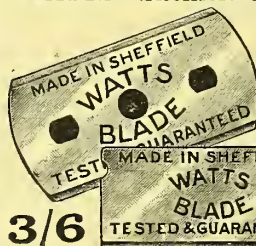


Prices for Wholesale and Export
Houses on application.

Jackel et Cie (of Paris)
Ltd.

Sauchiehall Street,
GLASGOW.

Assist British industry by recommending the
'WATTS' Sheffield-made Safety Razor Blade,
the blade of super-keenness.



per doz.
allowing
50% PROFIT
on cost for
the dealer.

Sole Manufacturers: **JOHN WATTS,**
Dept. 3, LAMBERT WORKS, SHEFFIELD.
London: 24, REDCROSS ST., E.C.1.
Established over 150 years.

A counter display will help.

A user writes: "Can't understand
people buying foreign blades when
such as yours are obtainable."

12 Perfect Blades
in Every Dozen.

For Gillette-Type and
Autostrop-type holders

CROSSING THE COUNTER with a Smile.

Little Flat Things, packed in neat little wrappers,
fit your shelves beautifully, but will not stop there.
Every time they cross the counter there is a nice
profit for you. Every extra bit of profit means an
extra smiling face. No, we are not selling Face
Cream, neither are we selling Face Powder. That
is all right for the ladies. We like the ladies, but
what of the MEN? Get MEN in your shop by
selling Gillette Blades. Get profit in your Cash
Box by getting your Gillettes from Wards. Re-
member Gillette, Remember Wards, then write to

WARDS of WARRINGTON

An ATTRACTIVE NEW LINE FOR XMAS TRADE

HABIBA

A DELIGHTFUL EASTERN PERFUME

THE fascinating design and charming colour scheme on the containers will sell "HABIBA" on sight, and its haunting fragrance cannot fail to bring repeat orders.

GUARANTEE

OWING to the large number of substitutes being used in the manufacture of Perfumery, we guarantee that all our Perfumes, Lavender Water and Eau-de-Cologne are made from the finest double rectified S.V.R.

**ORDER NOW
FOR XMAS.**

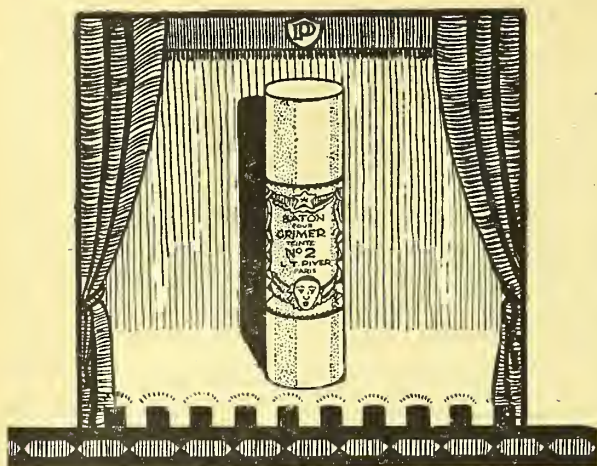
Delivery to
your requirements.



T.F. BRISTOW & CO. LTD.

CLERKENWELL LONDON, E.C.

Est. 1777.



"Make Up" Your Profits with
PIVER'S
 PERFECTED
GREASE PAINTS

A recent Free Trial Experiment in "The Era" brought in such gratifying spontaneous tributes to the excellence of Piver's Perfected Grease Paints that an intensive Marketing Campaign is just being contemplated.

This will mean NEW CUSTOM and SUBSTANTIAL PROFITS ON READY SALES to the enterprising Retailer taking up this first-class line.

Piver's Perfected Grease Paints are proving easy to sell because they are far superior to any other make, being prepared according to an entirely new formula. Their colours are brilliant; they spread well and "take" easily; they will not harm the most sensitive skin; they do not become hard in keeping; they are delicately fragrant and to crown all, any desired shade is obtainable with the 16 tints in which you sell them—a fact which means a substantial saving to many artistes.

Those who have already tried Piver's Perfected Grease Paints are superbly satisfied—and you know how news of a good thing spreads in the Theatrical Profession!

Piver's Perfected Grease Paints are easy to stock, and this will give you an idea of the percentage of profit realisable:

Carmines Nos. 1, 2 and Vermilion ..	3/- doz.,	Retail 4½d. each.
Special Size of Tint No. 24 only ..	4/- " "	6d. "
Assorted, 13 Tints, long sticks ..	8/- " "	1/- "

WRITE US TO-DAY for full Trade Terms and Particulars—and be the first in your town or district to handle this profitable theatrical necessity.

Parfumerie L. T. PIVER (Paris)

London Depot: 102, Dean Street, Oxford St., W.1.

Telephone No.—REGENT 5260.

Depot for Irish Free State:

G. J. DAVIES, 27, EUSTACE STREET, DUBLIN.



—with new suggestions
 —packed from cover to cover with interesting and informative articles—such is the fare now being prepared for

BRISTLES!

No. 2

which tells retailers all they want to know and all they ought to know about

"HYGEX"
 REGD

TOILET BRUSHWARE

HENDERSON BROS. & CO., LIMITED

Hygex Brushworks

20 Tyndale Place, Upper Street, N.1.



★ REPRESENTATIVES wanted (whole time) to develop new territories. Men with own cars preferred.

"FURSA C"

Registered, Patent applied for.

SENSIBLE,
ATTRACTIVE,
HYGIENIC.

EFFICIENT,
SIMPLE,
ECONOMIC.



**Natural Undyed Fur
and Selected Leather.**

**Powder Puff & Powder
Container combined.**

FOUR MODELS ONLY.

No. 1. NUTRIA PUFF, Retail at -2/6 each.	No. 1. DE LUXE Beaver Puff, Retail at 3/6 each.
No. 4. Do. Do. 3/6 each.	No. 4. Do. Do. 5/- each.

THE FINEST SELF-CONTAINED POWDER PUFF YET PRODUCED.

Powder contained in specially designed pocket percolating through self-closing slits on to the surface of puff. Powder cannot spill. Customer uses her own powder.

Handled by all leading Druggist Sundriesmen, or direct from Sole Manufacturers and distributors—

FLETCHER SQUIRES & CO., 70, Goldhawk Road, W.12

'Phone: Riverside 3110.

YOU MAY WANT TO

Buy a Business, Sell a
Business, Secure an Agency,
Engage an Assistant, Procure
a Situation, or Sell Odd Lots
of Chemists' Requisites

If so, you can do it quickly and
satisfactorily by an advertisement in

THE CHEMIST & DRUGGIST SUPPLEMENT

This is the Tariff:

**Businesses Wanted and for Disposal,
Premises to Let, Goods for Sale, and
Agencies; 6/- for 50 words; every additional
10 words or less, 6d.**

**SITUATIONS OPEN: 6/- for 40 words;
every additional 10 words or less, 6d.**

**SITUATIONS WANTED: 2/- for 18 words;
every additional 10 words or less, 6d.**

**Legal Notices, Tenders, Auctions, and
all specially spaced announcements, 1/3 per
nonpareil line (12 lines=1 inch single column).**

**Miscellaneous (Wholesalers') Section,
for odd and second-hand lots; 10/- for 60 words;
1/- for every additional 10 words or less.**

**EXCHANGE COLUMN (for Retailers, etc.).
Twopence per word, minimum 2/-.**

BOX NUMBER.

In each case replies may be addressed to a registered
number or non-de-plume, c/o this Office, **at a
charge of 1/- extra** for each advertisement.

Address all communications to
**THE PUBLISHER, THE CHEMIST AND
DRUGGIST, 42 Cannon Street, London,
E.C. 4**

Telegrams: "Chemicus, Cannon, London" (2 words)
Telephone: Central 3617 (3 lines)



Extensive Advertising

throughout the

XMAS GIFT BUYING SEASON

Just at the time when people are wondering "what to give" Gillette Xmas Advertising is constantly before them. Every Gillette Advertisement invites readers to see the range of handsome gifts at any Gillette dealers. Thus our advertising is

-directing the Public to YOU

It will pay you to make a window display. Write now for Show Cards and other display material, sent free on request.

GILLETTE SAFETY RAZOR LTD.,
184 - 188 Gt. Portland Street, London, W.1.



Always a live line

The demand for Anzora is steadily growing, and a stock will not remain long on your hands. Order a supply to-day.

ANZORA

MASTERS THE HAIR

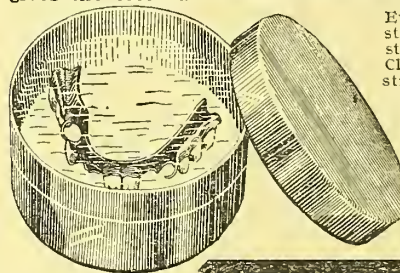


Anzora
Perfumery
Co., Ltd.
London,
N.W.6.

TRADE TERMS:
12/- doz. Retail at 18/-
20/- doz. Retail at 30/-
Write for supply of Show-
cards, Cut-outs, &c.
From all Wholesalers.
Beware of all Imitations.

A Chemist who Praises Tiffin's Dentabath

writes: "... my wife finds the Bath pleasant, and it gives the teeth a freshness that is most agreeable."



Every chemist should stock it! 12 months' sterilizing service. Clean, smooth dentures; stronger, healthier gums.

Retails at **4/6**

Doz. lots, 19/- c. fd.
2- " " 19/- c. pd.

London Wholesalers:
WARRICK BROS.
6 Nile St., City Rd.
N.1
Makers:
Tiffin's Dentabath Ltd., South Shields

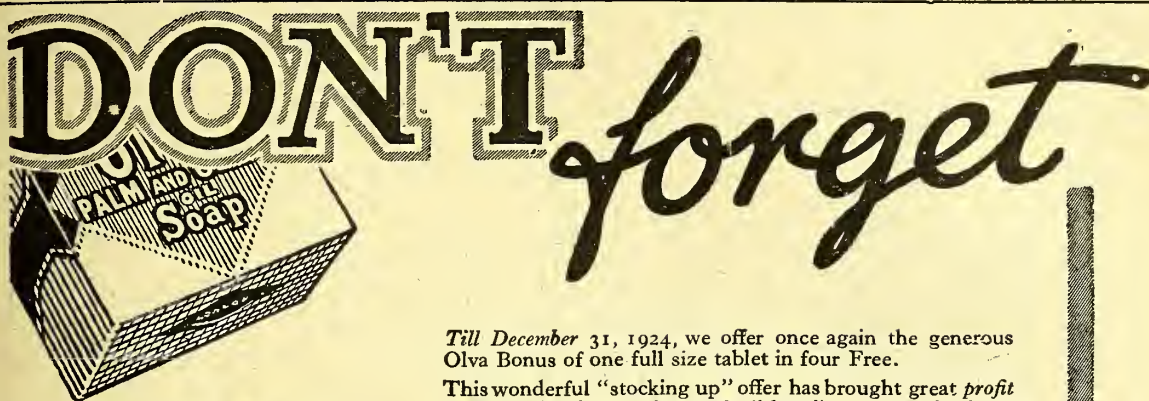
MOVE WITH THE FASHION.

BOBBED HAIR WEVERS

3/9 doz. Carriage Paid.

A New Line. Selling in Thousands.
Very keen prices for gross and case lots.

STANDEN & PERKS
Great Lister Street - BIRMINGHAM



Olva

bonus
extended to



Till December 31, 1924, we offer once again the generous Olva Bonus of one full size tablet in four Free.

This wonderful "stocking up" offer has brought great profit to the trade—it put the goods "there" to meet the huge demand we promised to create.

And we have fulfilled our promise—no such sale as Olva enjoys to-day was ever before built in so short a time; Olva, has come to stay.

Take advantage of this further great opportunity and stock up for next year's progressive selling campaign. Remember—December 31 is the date.

N.B.—No orders accepted for forward delivery.

OL 89-8r

PRICE'S SOAP CO. LTD., LONDON AND GREENWICH

ALZA TOILET SPECIALITIES

SKIN CREAM
COLD CREAM
FACE POWDER
PERFUME

RETAIL 3d. COST 21/- per Gross. 2/- per Dozen

RETAIL 6d. COST 48/- " " 4/3 " "

Obtainable from WOOLLEY, EVANS, MAY ROBERTS and direct from

ALZA MANUFACTURING COMPANY - CHORLTON-CUM-HARDY, MANCHESTER.

45%
PROFIT
ON SALES

The Evan Williams

ALWAYS IN GREAT DEMAND.
PRICE LIST ON APPLICATION.

The EVAN-WILLIAMS Co., Ltd., 14/15 Union St., W.1.

SHAMPOO

FRIZZETTA KEEPS THE HAIR IN CURL 2/-
PELLETTA FOR THE COMPLEXION 1/4 3/3
SE-TABA TABLETS THE NEW NERVE TONIC 1/3 3/-

BEST TERMS. 3 DOZEN ORDERS ASSORTED, CARRIAGE PAID. ALL WHOLESALE HOUSES. P.A.T.A.

Maker: F. W. BATES, Brooks's Bar, MANCHESTER.

Tetralene Soap



CLEANS CARPETS,
UPHOLSTERY,
CLOTHES, ETC.

REMOVES
GRIME
FROM HANDS.



THE PRODUCT WITH A MULTITUDE OF USES

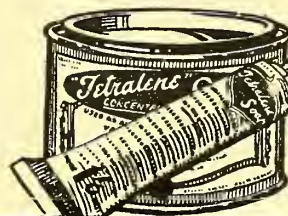
Rapidly and effectively cleans Paintwork of all descriptions. Removes Grease, Grime, and Tar from the Hands, Clothes, Motor Cars, etc.—in fact it will clean Anything and Everything. 10 times stronger than any soap. Sold in 1/- Tubes and Lever-top Tins 1/6

BIG PROFITS THE RESULT OF STOCKING TETRALENE

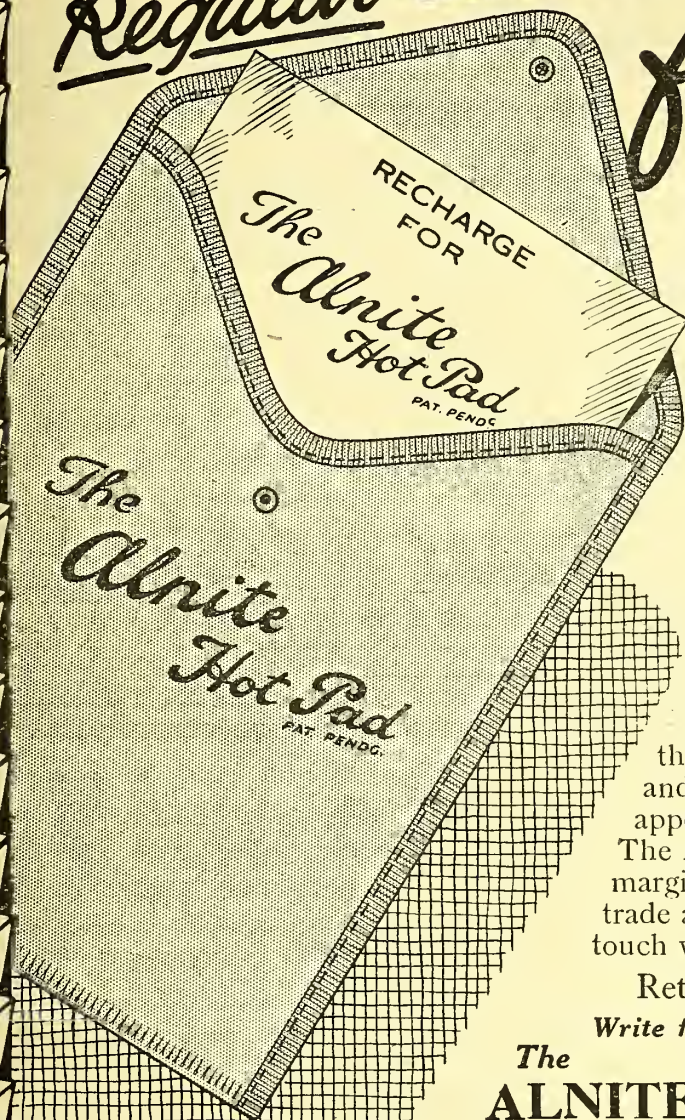
Ap art from the exceptionally generous percentage of profits allowed the retailer with samples for distribution, a huge selling and advertising campaign will shortly be launched in the newspaper press and an enormous public demand created in your district. Be prepared by laying in a stock now.

Sample Trade Terms, etc., supplied on request.

STOCKPORT UNITED CHEMICAL CO., LTD., STOCKPORT, ENGLAND.



*Recharge means
Regular Customers
for You*



A little Cold Water
makes it HOT all night.

**Each bag sold
MEANS**

**Constant orders
for Recharges.**

Introduce your customers to this new substitute for a hot-water bottle — the Alnite Hot Pad. The fact that it supplies warmth—instantly—with only the addition of a spoonful of cold water, will appeal to them. And the fact that they must come back again and again for recharges will appeal to you !
The Alnite carries a generous margin of profit, ensures steady trade and keeps you in constant touch with your customers.

Retails at 7/6

Write for trade terms.

**The
ALNITE COMPANY
LIMITED**

75 Victoria St., LONDON, S.W.1

Telephone: VICTORIA 9518

**ALNITE
HOT PAD**

The Alnite Hot Pad has all the domestic utility of a hot water bottle and is ideal for motoring and railway journeys and for use in bath chairs and perambulators.

SOL-VO SANITARY ROLLS & PACKETS.

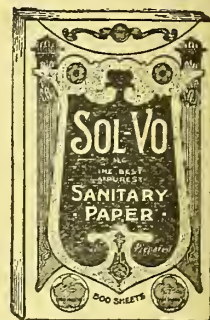


SOL-VO

REGD.

THE BEST & PUREST

SANITARY PAPER



	per doz.
Three dozen Rolls ...	7/- net.
Half gross " ...	6/6 "
One gross " ...	6/- "
Five gross " ...	5/3 "

	per doz.
Three dozen Packets ...	10/- net.
Half gross " ...	9/6 "
One gross " ...	9/- "
Five gross " ...	8/3 "

CARRIAGE PAID.

CASES FREE.

FORD, SHAPLAND & CO. Ltd.

LABELS & SHOWCARDS — PRINTERS — CARTONS & ENVELOPES,
GT. TURNSTILE, HIGH HOLBORN, LONDON, W.C.1.

TELEGRAMS: FORSHAPCO. WESTCENT, LONDON.

TELEPHONES: HOLBORN 5503
CITY 65.

"GEISHA"



H. C. STERN

12 Farringdon Avenue, LONDON, E.C.4

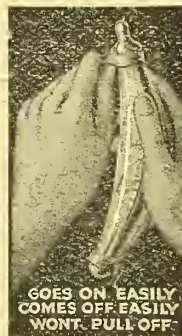
Telephone: Holborn 3140. Telegrams: Glastos, Ltd, London

The Lullaby

REGD.

Patent applied for.

SEAMLESS-MOULDED NEW PROCESS FEEDING BOTTLE TEAT



Pure, Transparent,
heat-cured Rubber.

Improved design, anti-choke thickened ball top. No ribs. Perfectly hygienic, and easily boiled for sterilization without injury. Absolutely non-poisonous and practically anti-hygroscopic. Most durable of all teats. Packed each in carton in counter display boxes of three dozen.

From all Wholesale Druggists' Sundriesmen, or direct from—

RELIANCE RUBBER COMPANY

112-213 Upper Thames Street London, E.C.4.
Telephones: City 2394
Telegrams: Doortop, Cent, London

BEST VALUE
& BRITISH

Plasters

SUPPLIES OBTAINABLE FROM
THE LEADING WHOLESALERS

*When better Plasters are
made Taylors will make
them*

Edward Taylor Ltd.
Salford.

& 21, ELY PLACE, LONDON, E.C.1.

*When the legs get
tired with walking?*

The aching calf is the first sign of incipient varicose veins. Don't let your customers wait till they get too bad to be cured. Supply the medically recommended

NORVIC

Regd.

CREPE BANDAGES

Warm, hygienic, adjustable, washable and containing no rubber, they are a preventive as well as remedy.

STOCK FLESH COLOUR

Practically invisible under silk stockings.

Put up in neat labelled packages, a selling ornament to every counter.

GROUT & CO.
GREAT YARMOUTH.

*Stocked by all leading
Wholesalers.*



YOUR REPUTATION

An unsatisfactory Clinical Thermometer may mean the loss of a valuable customer.

Therefore stock—

Zeal's CLINICAL THERMOMETERS

GUARANTEED RELIABLE
AND
PERMANENTLY ACCURATE

A certificate of accuracy is supplied with each instrument.

Sole Manufacturers:—
G. H. ZEAL Ltd. 75 & 77, ST. JOHN ST.,
LONDON, E.C.1.
Telephone: Clerkenwell 5202. Telegrams: "Zealdom, London."

Estd.

1850

BERTONS

of Old Street

is the house you
must consult before
you place your next

Dressings Contract

*Quality, Prices and
Deliveries are right.*

ARTHUR BERTON, LTD.

Factory, Warehouses and Offices:
Britannia House, Old St., London, E.C.2
And at Manchester and Glasgow.

DEPENDABLE DRESSINGS



TRADE



MARK

We specialise on the supply of surgical dressings to B.P.C. requirements, packed and labelled in a manner reflecting credit on the retailer. Customer's own name printed on labels by arrangement. Our prices are competitive and we shall be glad to forward quotations to any interested buyers.



BRITTON, MALCOLM & WAYMARK, LTD.

38 SOUTHWARK BRIDGE ROAD, S.E.1.

Telephone:
HOP 1350.

(Near Tram Terminus).

Telegrams:
"Clinbritic, Boroh, London."

FIGS FROM
THISTLES?

—that's absurd

MESSAGE FROM
MARS?

—that's conjecture

SUNDRIES FROM
SWALES

—that's wisdom!

THOMAS SWALES
Butts Court - - - LEEDS

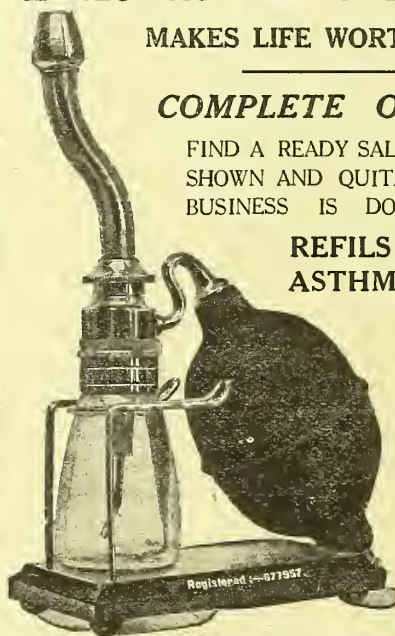
ZEALS ASTHMA TREATMENT

MAKES LIFE WORTH LIVING

COMPLETE OUTFITS

FIND A READY SALE WHEN
SHOWN AND QUITE A BIG
BUSINESS IS DONE IN

**REFILS (ZEALS
ASTHMA FLUID)**



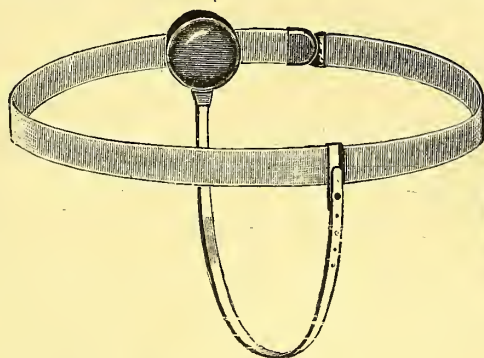
Thousands
in use in
all parts of
the World.

Write for
terms and
booklets.

ZEALS ASTHMA FLUID & ATOMIZER CO., LTD.
Severn Road, WESTON-SUPER-MARE.

THE SIMPLIC (REGD.) ALL RUBBER TRUSS

SIMPLIC
SURGICAL
SERVICE



SIMPLE
SELF-ADJUSTING
SECURE

THIS APPLIANCE embodies all the essentials so long sought after. It is EXTREMELY STRONG, INSTANTLY ADJUSTED to any size, and maintains an ADEQUATE PRESSURE under all conditions. The SIMPLIC TRUSS is specially designed for BATHING, being entirely rustless and unaffected by water. Specially prepared to suit all climates, it is the LAST WORD IN COMFORT.

OBTAINABLE THROUGH ALL USUAL SUPPLY HOUSES.

Buy *SIMPLIC Branded Goods*—TEATS, SOOTHERS, GLOVES, Etc.

COOPER & CO.

HOT WATER BOTTLES.
CHEMISTS' SUNDRIES.
SURGICAL RUBBER GOODS.
HIRE DEPARTMENT.

26 Charlotte St., London, W.1.

TELEphone Museum 2151 (4 lines).
grams "Superabound, Wesdo, London."

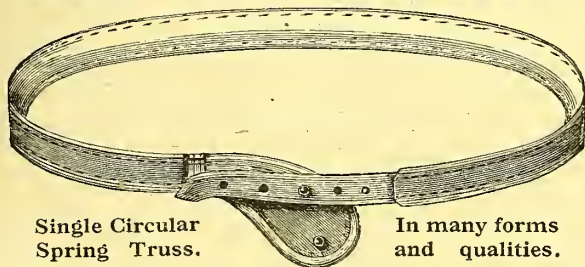


WHITE
AND ALL
COLOURS

6 Crystal Palace
Park Road

SYDENHAM, LONDON

TRUSSES OF ALL TYPES FOR ALL MARKETS



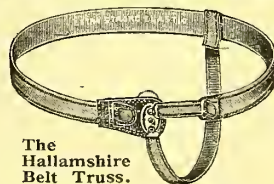
Single Circular
Spring Truss.

In many forms
and qualities.

Export orders
through Merchant
Shippers or
Druggists' Sun-
driesmen.

Revised illustrated
Truss List mailed
on request.

Wholesale and
Export only.

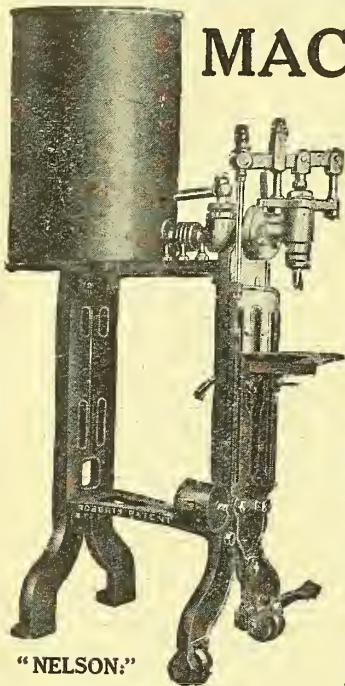


The
Hallamshire
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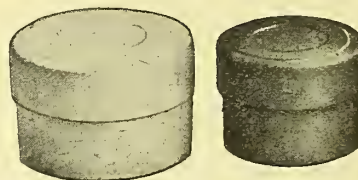
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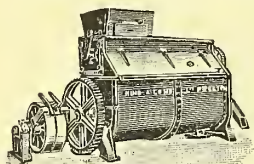
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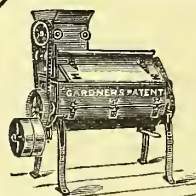
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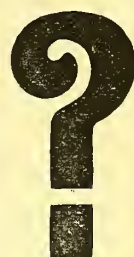
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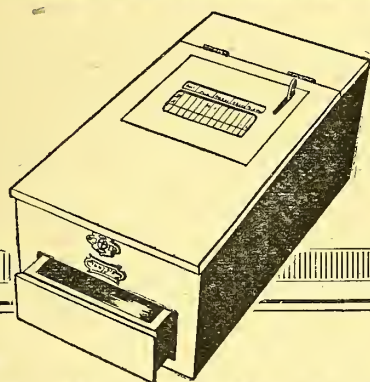
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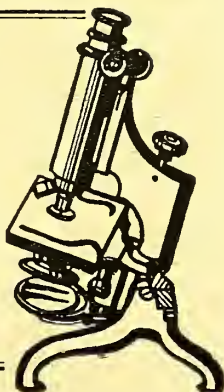
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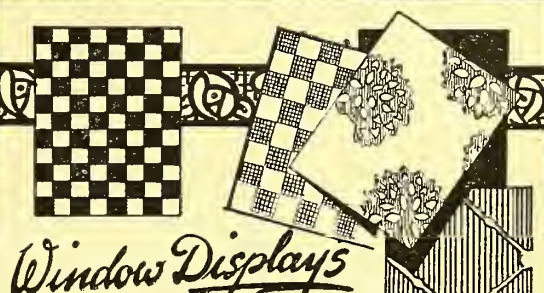
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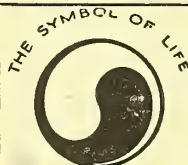
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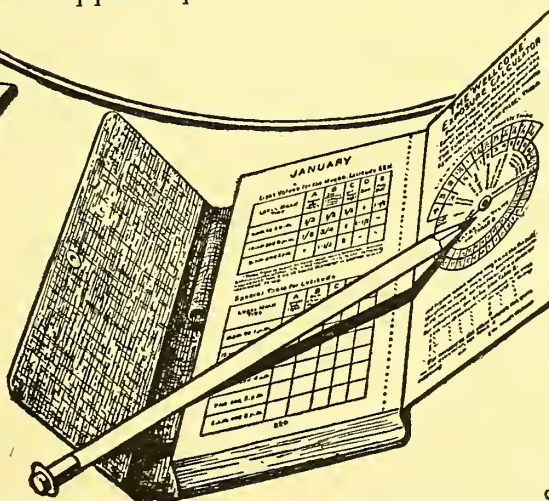


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Appreciations

We had one of your stocktaking sheets last year and found it very convenient, as it saves a great deal of trouble.—W. J. B. (6/11).

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English and Welsh News

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Parliament Assembles

The new Parliament, elected on October 29, assembled on December 2, the business being swearing-in of members and the election of Speaker. Mr. J. H. Whitley, M.P., was unanimously elected Speaker for the fourth time. The state opening of Parliament takes place on December 9.

The British Optical Association

An optical debate will be held in the hall of the British Optical Association, Clifford's Inn, London, E.C.4, on December 9, at 7.30 p.m., on the following subjects:—(a) "The Testing of Eyesight of School Children"; (b) "The Working of Health Insurance by Opticians"; (c) "The Use of Objective Methods of Examination." The chairman will be Mr. W. B. Barker, and Mr. O. Aves will speak "for" and Mr. J. H. Sutcliffe "against." Members of the Association and others who would like to take part in the debate are requested to communicate at once with the secretary of the Association. Admission to this meeting is open to members of the British Optical Association (and to others by special invitation card only). The second annual Foundation lecture will be given by Sir Arthur Keith in the lecture theatre of King's College, London, W.C., on December 11, at 8.15 p.m., on the subject of "Near Sight in Civilisation." The lecture is open free to all interested in the subject.

Birmingham

Major Hall Edwards is seriously ill at his residence, 112 Gough Road, Edgbaston.

Mr. Bernard E. Pitt, chemist and druggist, has taken over the business of W. H. Wilkins, Ltd., chemists, 49 Yardley Road, Acock's Green.

At Birmingham Police Court, on November 27, Ernest Wilkes, Edgbaston, described as a chemist, was fined £10 on a charge of driving a motor-car in a dangerous manner.

Alderman F. C. Clayton, Ph.C., has intimated that he will shortly resign the office of governor of the Five Ways Grammar School, a position he has held for thirty-two years.

Under the auspices of the Midland Committee of the British Optical Association, Mr. H. L. Taylor will lecture on "Some Points in Bifocal Fitting," in the Queen's College, Paradise Street, on December 11. The secretary of the Committee is Mr. F. H. Willis, 365 Gillott Road, Edgbaston.

Liverpool

The windows of pharmacies are taking on the most brilliant hues in anticipation of the Christmas shopping.

Forty-six members of Liverpool Pharmacy Club took hot-pot supper together at the King's Café on November 26. A silver spoon was presented to Mr. F. A. Bogiano for his infant daughter.

All sections of the staff of Ayrton, Saunders & Co., Ltd., were represented at the dance, held on November 27, arranged by the Works (Social) Committee, when a highly enjoyable evening was spent. A special Christmas carnival dance has been arranged for December 23.

Following the visit of Mr. J. Evans, F.I.C., Ph.C., the Liverpool Chemists' Association have invited another South Yorkshire expert to lecture in January. The invitation to student-associates is being freely accepted.

Manchester

Boots, Ltd., are closing their branch at 39 Market Street and transferring the business to the Royal Exchange establishment.

The structural alterations which have been carried out at the Piccadilly branch of Thompson & Capper, Ltd., chemists, give more space for the display of material in their photographic department.

At Manchester Assizes, on December 2, Harry Sequah, otherwise Mark Harris, Old Ashton Road, Openshaw, and Amelia Sequah, or Fanny Brennan, were each sentenced to twelve months' imprisonment for conspiring to defraud (*C. & D.*, September 27, p. 440).

Mr. F. D. Gee, chemist and druggist, Leek, has acquired the business of Mr. H. Wovenden, chemist and druggist, 7 School Road, Sale. Mr. Wovenden, who is one of the oldest chemists in the Manchester district, having recently celebrated his eighty-fourth birthday, is retiring. He enjoys excellent health.

Quite a number of new businesses have been opened in Manchester recently, particularly in the south-western area. Among others are: Mr. J. Q. Mills, chemist and druggist, Wigan, in Beresford Road, Longsight; Mr. H. Friedland, chemist and druggist, in Walmslow Road, Rusholme; Miss B. Napier, chemist and druggist, in Dickenson Road, Rusholme; and Colmans, Ltd., chemists, in the same thoroughfare.

Sheffield

Mr. J. T. Appleton, chairman of the Pharmaceutical Committee, has been elected chairman of the Medical Benefit Subcommittee.

The funeral of the late Mr. George Squire took place on November 29. Chemists were represented by Messrs. H. Antcliffe, J. T. Appleton, J. Austen, P. Carr, J. Gilbert Jackson, J. S. Oswald, E. Preston, H. G. Williams, H. B. Hammond, and members of Mr. Squire's staff.

Miscellaneous

FIRE.—A slight outbreak of fire was caused on the premises of Mr. A. J. Gibbs, chemist and druggist, Shanklin, on November 28, by the explosion of a bottle containing ether. The flames were subdued before much damage had been done.

POISON-LICENCE APPLICATIONS.—Mr. M. S. Alliston, trading as J. Sanders, Petty Cury, Cambridge, has applied for a licence under Section 2 of the Poisons and Pharmacy Act, 1908.—An application for a similar licence by F. B. & H. Elliott, Liphook, has been granted by the Hants County Council.

MOTOR-CAR AND SAMPLES STOLEN.—While in Sunderland, on November 26, Mr. F. Howard Swales, who represents his father, Mr. Thomas Swales, druggists' sundriesman, Leeds, in the North, had his motor-car and sample cases stolen. The car was a Morris Cowley, and the case was a large black leather-covered one with trays.

SHOPPING FESTIVALS.—With the object of obtaining information as to results of the recent Leeds shopping carnival, the organising committee has asked the retailers for details as to increased turnover, percentage of customers served compared with the corresponding period of last year, the establishment of a permanent publicity fund, and other points.—Heckmondwike Chamber of Trade has arranged a shopping week to be held from December 11 to December 24. Prizes will be given in a "spotting" competition for articles in shop windows.

ROYAL INSTITUTION.—The list of Friday evening discourses to be given at the Royal Institution of Great Britain, Albemarle Street, London, W., from January 16 to April 3, 1925, inclusive, has been issued. It comprises, among others, "The Investigation of the Properties of Thin Films by Means of x -Rays," by Sir William Bragg; "Sugars from the Standpoint of the Organic Chemist," by Dr. J. C. Irvine; "Soaps and the Theory of Colloids," by Dr. J. W. McBain; and "Studies of Atomic Nuclei," by Sir Ernest Rutherford.

INQUEST.—An inquest was opened at Burnley, on November 28, on the body of Ellis Shanley, apprentice to Mr. F. A. Stackhouse, chemist and druggist, Rosegrove Lane. The coroner, after taking evidence of identification, adjourned the inquiry for a week, intimating that the result of the *post-mortem* examination ordered by him had not been ascertained. The circumstances of the death, as reported locally, are that on November 26 the young man came into his employer's front shop from the dispensary, and, remarking that he

had taken poison, collapsed. Mr. Stackhouse promptly administered an emetic, but his apprentice died before the arrival of a doctor.

CENSUS OF PRODUCTION.—Preparations are now well forward for the official Census of Production, which starts in January, and is desired to secure for the nation as complete a record as possible of the production of every trade in the country. The last complete census was taken in 1907; there was another in 1912, but the war interfered with the statistical completion of the results, and the disorganisation and its after-effects have prevented any further authoritative record of production being obtained until now. The census will relate to the year 1924, or the business year which most closely covers that period, and will involve the dispatch of some 300,000 to 400,000 schedules to firms.

PHARMACEUTICAL SCHOLARSHIP FUND.—A circular has been issued stating that the branches of the Pharmaceutical Society in Devon and Cornwall have set themselves to raise sufficient money to establish a scholarship in pharmacy, tenable at the School of Pharmacy attached to the University College of the South-West at Exeter (or at Plymouth if the school should be transferred), and to be held by candidates under the age of twenty-five who have served a regular apprenticeship in Devon or Cornwall. The sum of at least £500 is required. The circular is signed by Messrs. Philip F. Rowsell, W. G. Day, C. J. Park, D. A. Evans (Bovey Tracey), and F. Southerden. Mr. Day, 35 Fore Street, Saltash, is treasurer.

LONDON CHEMISTS' BILLIARDS.—Over thirty competitors entered the London chemists' snooker handicap, the semi-finalists being Messrs. G. A. Malcolm, A. J. Shuttleworth, E. G. Harris, and Izaacs. These matches were played on November 19, and the winners were: Mr. G. A. Malcolm and Mr. Izaacs. The final took place on November 26, a close game resulting in a win for Mr. G. A. Malcolm, the scores being (on handicap): Mr. Malcolm 102, Mr. Izaacs 98.—The inter-association snooker competition is just commencing, and entries from all associations have been registered. In January "The Script" billiards handicap will commence, and entries are now being booked. Play takes place every Wednesday evening at the Shaftesbury Hotel Billiards Hall, London, W., and further details may be obtained from the secretary, Mr. W. E. Swanston, 140 Hornsey Road, N.7.

Irish News

An Apothecaries' Hall Bill

The Joint Committee of both Houses of the Oireachtas, sitting in Leinster House on November 27, considered the preamble to the Apothecaries' Hall, Dublin (Private) Bill, 1924, which sought to change the title of the Licentiates of the Hall from "L.A.H., Dub.," to that of "Licentiate in Medicine and Surgery, Apothecaries' Hall, Dub." Mr. Jellett said that the promoters wanted to have licentiates of the Apothecaries' Hall called by a name which would indicate the qualification they possessed. The committee, however, held that the preamble had not been proved to their satisfaction, and refused approval. In the course of the hearing Dr. Mason, Registrar of the Apothecaries' Hall, Dublin, stated that the London Apothecaries' Hall had the description which the Dublin body was seeking to obtain.

Belfast

The following additional awards have been made to chemists by the Compensation Tribunal at Belfast for the loss of profits through deprivation of wine licences: Messrs. H. D. Heazley, £330; J. L. Birney, £51.

Dr. Andrew Trimble, J.P., chief tuberculosis officer, Belfast, in a letter to the Press acknowledging the support extended to "tuberculosis week," says he is deeply indebted to the pharmaceutical chemists of the city for the valuable help rendered by them.

Scottish News

Brevities

Mr. W. Meldrum, chemist and druggist, Rothesay, has been elected President of the local merchants' association, of which he has been secretary for several years.

Dundee

An outbreak of fire occurred on the premises of Mr. P. Mitchell, chemist and druggist, 34 West Port, recently. Considerable damage was caused to the stock.

The photographic survey of Dundee, which has extended over a period of twenty-one years, has recently been completed. The photographs, of which there are over 3,000, have been bound in twenty-six volumes and are housed in the Dundee Public Library. According to Dr. Mitchell, the chief librarian, sixty-one photographers and sixteen authors have been employed on the task.

When returning from luncheon to business on November 28, Mr. R. M. Lindsay, chemist and druggist, Dundee, was crushed against a wall by a motor-lorry which had swerved to avoid a collision. On admission to the Royal Infirmary, it was found that Mr. Lindsay suffered from a compound fracture of the leg and a cut above the left eye. He is reported to be making favourable progress.

Edinburgh

Considerable damage resulted from an outbreak of fire on the premises of John Glew, chemical and lubricating oil manufacturer, Chapel Lane, Bathgate, on November 27.

The annual staff dance of T. & H. Smith, Ltd., was held on November 28, in the Albany Rooms. The company numbered about 130. Messrs. Aitken, Nimmo, Pringle, Rae, and Covani acted as M.C.'s.

French News

(From the "C. & D." Paris Correspondent.)

THE DEATH OF M. ALBERT SCHEURER, the Alsatian chemist (pupil of the famous Wurtz), is announced. Since 1877 he was president of the chemical committee of the Société Industrielle de Mulhouse.

SUNDAY CLOSING.—A number of pharmacists were recently summoned before the Paris police courts for infringing the Sunday-closing decree. Each was fined ten francs, and condemned to pay one franc damages to the Pharmacists' Association, as well as 50 francs to the Assistants' Association.

M. ALBERT BESNARD has been elected a member of the Académie Française. The new "Immortal" is 75 years of age, but the wall-paintings he executed for the Paris Faculty of Pharmacy, nearly half a century ago, and his more recent frescoes in the Chemistry Amphitheatre of the Sorbonne, are still reckoned among the best of his life-work.

VAUQUELIN'S PHARMACY CLOSED.—Passing down the rue Poissonnière recently, I noticed that the old pharmacy at the corner of the rue de Cléry, where Vauquelin kept open shop from 1788 till 1818, has disappeared; it was closed a few months ago, and the shop is now a drapery establishment. Several other historic pharmacies described in the same article are likewise now only memories. Hottot's quaint 1821 shopfront in the Faubourg St. Honoré still exists, but the pharmacy has given place to an old curiosity shop. The business founded by Cadet de Gassicourt (pharmacist to Napoleon I) in 1800, and transferred to the rue Marengo in 1858, has been amalgamated with a big business concern, and the street where it stood in 1897 has been monopolised by the huge neighbouring drapery establishment.

ALEXANDRIAN SENNA.—During 1923 the exports of so-called Alexandrian senna from the Sudan, obtained for the most part from uncultivated plants, amounted to 833 tons, against 435 tons in the previous year.

Colonial and Foreign News

BRAZILIAN DUTY ON COPPER SULPHATE.—The Brazilian Minister of Finance has reduced the duty on copper sulphate for use as an insecticide in agriculture to 20 reis per kilo.

VITAMIN RESEARCH IN NORWAY.—"Social-Demokraten" (Copenhagen) reports that the co-operative societies of Norway and of Sweden have collectively presented the sum of 10,000 kroner to Professor Poulsson, the well-known pharmacologist of the University of Christiania, to enable him to continue his investigations into the elaboration of a vitamin preparation to be incorporated in margarine.

INTERNATIONAL ASSISTANTS' UNION.—At the Congress of Pharmaceutical Assistants, held in Prague on November 2, representatives of Czechoslovak, Austrian and German organisations joined together to form an International Union of Pharmaceutical Assistants, of which Apotheka Erich Peiser (Berlin) was elected the first President. It was decided to invite all existing organisations of pharmaceutical employees to join the Union, the aim of which is to improve the social and financial status of all assistants, in addition to promoting the general interests of the profession. The Union is pledged not to interfere in any national, political or religious questions.

PORTUGUESE TAXES ON PERFUMES, ETC.—An internal revenue tax on perfumes, taking the form of stamp duty, was introduced in Portugal by a law promulgated on July 17, and recently this tax has been appreciably increased. The new rates of stamp duty are as follows: Alcoholic perfumes, for each 500 c.c. or less, 20 centavos; medicinal waters and medicines in the form of syrups, for each 250 c.c. or less, 10 centavos; mineral waters used as table beverages, for each 500 c.c. and less, 5 centavos; on perfumes, toilet soaps, cosmetics and toilet articles in general, the rate of duty amounts to 5 per cent. in the case of Portuguese products, and to 10 per cent. on foreign preparations. The stamp has to be affixed to the container in such a way that it is torn on opening the package, and must bear the dealer's business stamp or signature. In addition, a recent Order requires the retail price to be printed, or written, on the wrapper of packages containing dutiable goods, or on the containers, tubes, etc.

ILLUSTRATED PHARMACEUTICAL CALENDAR.—An entirely novel pharmaceutical calendar for 1925 (in German) has been prepared by Apotheker Fritz Ferchl, and is issued by the "Süddeutsche Apotheker-Zeitung," 57 Tübingerstrasse, Stuttgart, at the price of 3.50 marks. It consists of a block measuring 9½ by 6 inches, containing 110 tear-off leaves; the lower part of each leaf is reserved for notes, space being provided for three and four days of the week alternately. The upper portion contains a reproduction of historical pharmacies, pharmaceutical documents, pots, utensils and portraits of distinguished pharmacists. Among the large selection of highly interesting reproductions we note at random the following: Lavoisier's apparatus; the chemical signs employed by Scheele; Liebig's distilling apparatus; the visit of C. L. Berthollet to Lavoisier (from a painting in the Sorbonne); a pot bearing the inscription "Ax. Hominis" (Axungia Hominis); interior of an Italian country pharmacy (about 1700); the field pharmacy of Frederick the Great; a prescription written by Schiller; Faraday's laboratory; views from the laboratories of Friedr. Bayer & Co., Meister Lucius & Brüning, Caesar & Loretz, Gehe & Co., besides numerous views of old pharmacies, herbaria and other objects of pharmaceutical interest. The illustrations are excellent, printed on good paper, and the calendar certainly contains much of interest to all pharmacists.

CHINA WOOD OIL.—Action has been taken by the Imperial Institute, on the suggestion of its raw materials committee, to determine whether the trees yielding tung oil (China wood oil) can be successfully grown in British countries. Experiments on the cultivation of the trees are now in progress in India, Ceylon, Malaya, Kenya, Tanganyika, and South Africa.

Legal Reports

Perfumery Dispute.—In the Chancery Division of the High Court, London, on November 28, Mr. Justice Russell had mentioned to him an action brought by Associated Perfumers, Ltd., against Parfumerie Houbigant, S.A., and also an action brought by those defendants against Associated Perfumers, Ltd. After some discussion, it was arranged that both actions should be tried together at an early date.

Irregular Sale of Spirit of Salt.—At North London Police Court, on December 3, Morris Wohl, 138 Upper Clapton Road, E.5, was summoned for having sold hydrochloric acid by retail in a bottle not distinctly labelled with the name of the substance and the word "Poisonous" and the name and address of the seller. There was a further summons for selling the acid in a bottle not distinguishable by touch, and not distinctly labelled with the words, "Not to be taken." Nellie R. Whitehead said that on October 23 she went to the defendant's premises—a general shop—hauded in a bottle labelled "California Syrup of Figs," and asked for some spirit of salt. No labels were put on the bottle. The magistrate asked under what Act the proceedings were taken. Mr. H. N. Linstead, assistant secretary to the Pharmaceutical Society, replied that they were instituted under Section 5 of the Poisons and Pharmacy Act, 1908. A fine of 20s. was imposed, and on the application of Mr. Linstead the magistrate ordered payment of 10s. 6d. for the analyst's fee.

Warranty as Defence.—At Kensington Petty Sessions, on December 2, Mr. Frederick Venables, chemist and druggist, 54 Fulham Palace Road, S.W., was summoned under the Sale of Food and Drugs Act for having sold to the prejudice of the purchaser a drug, to wit, borax, which was not of the nature, substance and quality of the article demanded, but contained sixty-five parts of arsenious oxide per million. Mr. J. Hodgson appeared for the Hammersmith Borough Council, Mr. H. Glyn-Jones for the defendant, and Mr. R. A. Beck for Borax Consolidated, Ltd. Mr. Hodgson said that the summons had been taken out under Section 6 of the Act. The defendant had five establishments, and was in a fairly large way of business. It had been agreed between the parties that the case would raise two issues—the first, the question of a warranty, and the second, whether there was a standard for borax, and, if so, what the standard was. In order to save time, it had been resolved to ask the Bench to decide first on the question of a warranty, because in the event of that decision being against the warranty it would be necessary to call expert witnesses on the more technical point at a future date. But if the warranty plea was accepted, the decision of the Bench would not be asked on the second question. Mr. Hodgson said he did not propose to call any witnesses on the question of the warranty, as the defence admitted the analyst's certificate. The inspector asked for 8 oz. of borax, and was supplied by the defendant's assistant with a packet labelled "Borax," for which he paid 2½d. The amount of arsenic found in the borax was very high—thirteen times as much as the maximum allowed by the British Pharmacopœia, the generally accepted standard for drugs. The defendant had given notice of a warranty on an invoice dated June 12 last, sent with some borax by Borax Consolidated, Ltd. At the bottom of the invoice it said that the borax was guaranteed to conform to the requirements of the British Pharmacopœia. He contended that this was insufficient as a warranty, and did not meet the requirements of Section 25 of the Act. Evidence was called to prove the warranty. Mr. Harold Frank Brooker, the defendant's assistant, and Mr. Samuel Hudson, manager, deposed that the borax was sold in the same condition as received. In reply to the chairman, Mr. Hudson said that only B.P. borax was kept at the branch shop, and not commercial borax. Mr. Glyn-Jones contended that the borax was purchased with a written warranty, and that there could not be a conviction. The Chairman: In the opinion of the Bench the warranty is a good one, and the case will be dismissed.

Trade Mark Case.—In the Chancery Division of the High Court, London, on November 28, Mr. Justice Romer heard an action brought by Prichard and Constance (Wholesale), Ltd., for an injunction restraining Amata, Ltd., Leda Hall, and Kenneth Conrad Ralph from carrying on business as dealers in perfumery and toilet preparations under the name Amata, Ltd., or any name that was a colourable imitation of the word Amami, and from selling goods under the name Amata, on the ground that it so closely resembled Amami as to be calculated to deceive. Mr. Manning, K.C., for the plaintiffs, stated that for many years they had distinguished their articles by the use of the word Amami, which had become known in the trade as indicating the goods they dealt in. The word was registered on June 16, 1909, in respect of toilet articles, preparations for the teeth and hair, and perfumed soap. The plaintiffs had recently discovered that the defendant company was incorporated in January last with a nominal capital of £100, the two individual defendants being the signatories to the memorandum of association and the sole directors and shareholders. The object of the company was to carry on business as makers of toilet preparations under the name Amata, which, plaintiffs alleged, so closely resembled Amami as to be calculated to lead to confusion. They had asked the defendants to alter their name, but this was refused, the defendants maintaining that there was not the slightest possibility of confusion between the two words. Mr. Richard Harold Brittain (managing director of the plaintiff company), Mr. John Turner Warburton (American Drug Supply Co., Ltd.), Mr. James Harold Gill (departmental manager, Boots Pure Drug Co., Ltd.), Mr. Ernest William Gough (managing director, Lewis & Burrows, Ltd.), Mr. Bernard Wilkinson, Ph.C. (Stickland & Co., chemists, South Kensington), Mr. Frederick John Smith (Sangers, Hampstead Road), and Mr. Evans (drug department of William Whiteley, Ltd.), gave evidence as to the danger of confusion between the word Amami, which was well known in the trade, and Amata, which was unknown. Mr. Hughes, K.C., for the defence, said that the defendants knew nothing of the plaintiff company's preparations or the name Amami when they formed their company. They asked the Registrar of Trade Marks if the word Amata was available for registration, and were informed that it was. The main object of the defendant company was to propagate the doctrines of birth control, and all it had done was to publish a book on that subject and advertise and sell certain contrivances relating to that subject. And that was all they proposed to do. They originally proposed to sell a skin ointment and a face cream, but this was dropped. Counsel contended that the two words were absolutely different, and that there was no ground whatever for supposing there was likely to be any confusion. The hearing was adjourned.

JUDGMENT

Mr. Justice Romer, giving judgment, said that, although the defendants were not selling any of the articles to which the plaintiffs' trade-mark applied, they asserted the right to do so if they thought fit and to sell them under the name Amata. The evidence showed not only were people in the habit of pronouncing Amami differently, but ordered the plaintiffs' goods in writing by all sorts of queer spellings of the name. It was a fancy word of which a customer might retain an imperfect recollection. It was said by the defendants that if the use of the word Amata was restrained, the use of every word beginning with "Ama" should also be restrained. His Lordship did not think that this followed at all. He had come to the conclusion that if the defendants sold toilet preparations as Amata, as they claimed the right to do, it must of necessity in certain cases lead to confusion, and the defendants' goods would be sold to people who wanted the plaintiffs' goods. He did not propose to grant an injunction restraining the defendants from carrying on business as Amata, Ltd., as it was quite possible for them to describe their goods by some other name; but he would grant an injunction restraining them from selling them under the name Amata. He ordered the company to pay the costs, and dismissed with costs the action against the individual defendants.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

KEMBERS, LTD. (P.C.).—Capital £200. Objects: To carry on the business of chemists, druggists, drug store proprietors, patent medicine vendors and proprietors, stationers, dealers in photographic goods, opticians, etc. The directors are: A. F. Kember and Miss M. E. Kember. R.O.: 5 Waterloo Road, London, S.E.5.

KENFORD, LTD. (P.C.).—Capital £10,750. Objects: To adopt an agreement with S. W. Kendall and E. B. Bull, and to engage in chemical research, discovery and invention, and to prepare, manufacture, and sell or deal in synthetic and other chemical substances and by-products of all kinds, etc. R.O.: 58 and 58a Avenue Chambers, 4 Vernon Place, Southampton Row, London, W.C.

LOMERS, LTD. (P.C.).—Capital £2,500. Objects: To acquire the business of manufacturers of a paint cleaner known as "S.N.O.," and other detergents carried on by W. Lomer and H. C. Guy at "Forest Works," Whipps Cross Road, Leytonstone, as "William Lomer," and to adopt an agreement between the said parties and W. Wilson. The first directors are: W. Lomer, H. C. Guy, and W. Wilson.

SCALPO (LONDON), LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in hair wash and preparations for the hair, perfumes, drugs, oils, and oleaginous substances and all kinds of unguents and ingredients, hair brushes, combs, soap, and other toilet requisites, etc. The directors are: Doris Vere Ellison and T. Harris. Solicitors: Kenneth Brown Baker, Lennox House, Norfolk Street, Strand, London, W.C.2.

CLEMENT CLARKE DISPENSING OPTICIANS, LTD. (P.C.).—Capital £3,000. Objects: To adopt an agreement with C. W. Clarke, and to carry on the business of opticians, factors of and dealers in spectacles, eye-glasses, microscopical, optical, scientific, and surgical instruments, aneroid barometers and philosophical, mathematical, photographic, surgical, electrical and mechanical instruments, etc. C. W. Clarke is director. R.O.: 16 Wigmore Street, London, W.1.

THE "ANILINE" BRITISH AND EAST EUROPEAN CHEMICAL AND DYE TRADING COMPANY, LTD.—Capital £500. Objects: To carry on in the British Isles, Eastern Europe and elsewhere, all or any of the businesses of exporters, importers, dealers in and manufacturers of chemical and aniline and all other dyes, dyeing materials, chemicals, vegetable and other compounds, pigments, paints, oils, and all pharmaceutical, medicinal, chemical, industrial and other preparations, etc. Solicitors: Swann, Hardman & Co., 10 Norfolk Street, Strand, London, W.C.2.

RENOVIT, LTD. (P.C.).—Capital £5,000. Objects: To acquire a secret process for the manufacture of a cleaning substance known as "Renovit," together with the benefit of the trade name and application for registration of a trade mark thereunder; and to adopt (a) an agreement adopting an agreement between J. D. Flynn, C. D. Smith, F. James and S. J. Penny; (b) three agreements with S. H. Grant, C. J. B. Innes, May Innes, Ada C. Innes and F. James relating to the acquisition of the above process, trade name or trade mark; and (c) agreements with J. D. Flynn, C. D. Smith and F. James respectively relating to management. The directors are: J. D. Flynn, C. D. Smith and F. James. R.O.: 10 Stanhope Terrace, London, W.

VIROL, LTD.—An issue of seven-year notes is being made to the amount of £100,000 in 6 per cent. notes offered, in the first instance, to shareholders only at par. The notes are secured by a trust deed giving a floating charge on the assets, and the notes are redeemable on January 1, 1932, at a premium of 3½, or earlier, on six months' notice, at the same premium.

Stock Exchange Prices

£1 Shares unless otherwise stated	Dec. 31, 1923	Oct. 31, 1924	Nov. 28, 1924
	s. d.	s. d.	s. d.
Allen & Hanburys, 7% Prefd. Ord.	21 3	21 0	21 3
Apollinaris and Johannis, Ord. £1..	7 6	9 0	9 3
Ash (Claudius), Sons & Co., Ord. ..	14 9	18 3	20 0
Ayrton, Saunders & Co., 7½% Pref.	15 6	15 6	15 3
Beecham Estates & Pills, 8% cum. Pref.	—	20 9	21 6
Benger's Food, Ord. ..	38 0	36 0	36 3
Boake (A.), Roberts & Co., 5% Pref. £10	£6	£6½	£6½
Boots Pure Drug, Ord. ..	102 6	121 3	125 0
Boots Pure Drug, 7% "A" Prefd. Ord.	23 3	23 6	23 6
Boots Cash Chemists (Southern), 6% "A" Pref.	21 9	21 6	21 6
Borax Consol., Defd. Ord. ..	35 6	42 3	43 0
Bovril, 6% Pref. ..	20 6	23 3	22 9
Ord. ..	23 0	23 9	24 3
Defd. ..	27 6	43 9	50 0
British Celanese, Ord. ..	7 6	9 3	7 9
" 7½% Pref.	10 0	13 0	12 3
British Cyanides, Ord. ..	18 9	7 6	8 3
British Dyestuffs Corp., 7% Pref.	12 6	12 3	12 6
" Prefd. Ord.	7 9	6 0	6 3
British Glues and Chemicals, Ord.	4 0	2 0	3 9
" 8% Pref.	15 0	10 6	12 0
British Oil and Cake Mills, Ord. ..	25 9	24 3	23 6
British Oxygen, Ord. ..	42 6	39 6	38 3
British Photographic Industries, 6% Cum. Pref. ..	5 0	4 6	5 0
Brunner Mond, Ord. ..	37 0	40 3	38 3
" 7½% Pref. ..	26 6	28 0	28 0
Bush (W. J.) & Co., 5% Pref. £5	57 6	62 6	65 0
Cadbury Bros., 6% Pref. ..	23 3	23 6	24 3
Callard, Stewart & Watt, Ord. ..	27 6	34 0	33 0
" 5½% Pref.	17 6	17 6	17 0
Crosfield (Joseph) & Sons, 6½% Pref.	19 9	19 6	20 0
De Trey & Co., Ord. ..	16 0	22 3	22 0
Dubarry Perfumery, Ord., Is. ..	—	4 0	3 9
" 7½% Pref. ..	—	19 0	19 0
Eastman Kodak Com. (no Nom. Value)	£123	£122	£122
Evans Sons Lescher & Webb, Ord.	4 3	4 0	5 0
" 5% Pref.	7 3	8 6	9 6
Field (J. C. & J.), Ord. ..	15 0	16 6	17 0
" 7% Pref. ..	20 3	19 6	20 0
Gossage (William), 6½% Pref. ..	19 9	19 6	19 6
Grout & Co., Ord. ..	25 6	44 6	40 6
Heppells, 7% cum. partic. Pref. ..	—	18 0	18 3
Idris & Co., "A" Ord. ..	12 6	16 3	17 0
Ilford, Ltd., Ord. ..	20 6	22 6	25 0
" 6% Pref. ..	19 3	19 3	19 3
Intern. Sponge Importers, 6% Pref.	9 0	11 0	10 6
Kent (G. B.) & Sons, 5½% Pref. ..	14 3	13 3	13 0
Knight (John), 25% Prefd. Ord. ..	60 0	61 3	62 6
Lever Bros., Ltd., 7% Pref. ..	20 6	21 0	21 3
" 8% Pref. ..	20 6	20 6	21 9
" 20% Prefd. Ord. 5s.	10 6	10 9	11 3
Liebig's Ext. of Meat, Ord. £5 ..	£14½	£14½	£15
Magadi Soda, Ord. ..	1 6	3 0	3 0
Mellin's Food, 6% Pref. ..	12 0	12 6	12 0
Mond Nickel Co., Ord. ..	35 0	45 0	45 0
" 7% Cum. Pref. ..	25 6	25 6	25 0
Nathan (Joseph) & Co., 7% Pref.	14 0	13 0	14 3
" 8% Prefd. Ord. ..	9 0	6 6	7 0
National Drug and Chem. Co. of Canada, 6% Pref. ..	18 0	14 0	14 9
New Transvaal Chemical Co., 6% Pref.	17 6	17 6	17 9
" 8% Pref. ..	22 6	21 3	21 0
Salt Union, Ord. ..	23 0	24 6	25 3
" Pref. ..	24 0	27 6	28 0
"Sanitas," The Co., 9% Pref. ..	24 3	24 6	25 0
Schweppes, Ltd., Ord. ..	19 6	21 3	21 3
Defd. ..	15 0	25 3	26 0
Smith (Stephen) & Co., 6% Pref. ..	26 3	31 3	30 0
Southall Bros. & Barclay, Ord. ..	47 6	52 6	52 9
" 5% Pref. ..	19 3	19 3	19 6
Spratt's Patent, Ord. ..	32 6	38 9	39 6
Stevenson & Howell, 6½% Cum. Pref.	17 6	20 6	20 0
United Alkali, Ord. ..	33 0	38 3	39 6
United Glass Bottle Man., 7% Mt. Deb. Stk., £100 ..	£86	£102½	£103
Venesta, Ltd., Ord. ..	14 9	17 6	24 0
" 7% Pref. ..	16 0	17 6	19 6
Virol, Ltd., Ord. ..	80 0	82 6	82 6
" 7% Pref. ..	21 9	22 3	23 0
White (A. J.), Ltd., Ord. 10s. ..	6 6	6 3	6 6
White (R.) & Sons, 6% Pref. ..	13 9	17 0	17 0
" Prefd. Ord. 10s. ..	5 6	7 0	8 0
Wright, Layman & Umney, 6% Pref.	18 9	19 3	19 4½

Retail Pharmacists' Union

A MEETING of the Executive Committee was held at 19 Tavistock Square, London, W.C.1, on November 25 and 26. Mr. A. R. Melhuish was in the chair. There were present: Messrs. Clubb, Forster, French, Gilleghan, Jackson, Keall, Keith, Marshall, Martin, Rowsell, Scholes, Smalley, Tranmer, and Young.

The first part of the business referred to claims settled by the Chemists' Defence Association, Ltd., and mention was made of the appeal case (*C. & D.*, November 22, p. 737) decided against the chemist.

The secretary of the Retail Pharmacists' Union was instructed to issue early in the New Year a certificate of benefits of membership in policy form for issue to every member of the joint organisations. A number of resolutions were received, dealing with rebate on spirit for perfumery, sale of poisons by wholesalers, Proprietary Medicines Bill, the title "chemist," doctors dispensing, welfare centres, advertising through schools, and poison bottles. A report was received from the Propaganda Committee, and directions were given for a special campaign in connection with articles not protected under the scheme of the Proprietary Articles Trade Association. Reports were received regarding the testing of Insurance dispensing, and the chairman explained the progress which had been made by the Ministry of Health in connection with this and tariff revision. He said that joint committees were sitting at the Ministry of Health dealing exclusively with these two matters, and it is expected that both committees would be reporting very shortly.

Bath.—A meeting of the Bath branch was held on November 26, when an address was given by Mr. H. J. Martin, a director of the Chemists' Mutual Insurance Co., Ltd., on the aims and objects of that body. At the close of the address the chairman (Mr. W. J. Hallett) expressed the thanks of the meeting to the speaker.

Pharmacy Relics at Auction

ONE of the latest crazes that interests hundreds of people is the collecting of old covered-pot lids, decorated with printed pictures. Expensive books have been written on the subject, and thus the lids have found their way to West End sale-rooms. Some have become so valuable (they range from 2s. 6d. to £15) that imitations or modern copies are being produced. Very few, however, appear to have had a pharmaceutical use. On November 27, at Puttick & Simpson's rooms in London, two pretty pot lids sold in one lot for 32s. 6d.; one of them was labelled "Cold Cream of Roses," and the other "Circassian Cream." The former was decorated with a garden scene, and the latter with a picture of a lady playing a guitar. Both bore the inscription, "Prepared by C. T. Jerram, late Whittaker & Co., 60 Hatton Garden, London." Four other lids—from pots of about 1-oz. size—depicted a bear pit, bear hunting, etc. These were labelled, "Genuine Bear's Grease, Ross & Co., 119 and 120 Bishopsgate Street, London." The decoration was of a cruder nature, and the four lids sold for 10s. Pharmacy relics a century or more earlier come in quite a different category. At Sotheby's, about the same date, an octagonal seventeenth-century pill slab, decorated in blue with the crest of the Apothecaries' Company, but no date, sold for fifteen guineas, and in the same sale two Lambeth blue and white drug pots sold for thirteen guineas.

A CHEMIST-EDITOR.—A well-known county newspaper, the "Surrey Comet," celebrated the other day the seventieth year of its existence. The opportunity was taken to review the history of the journal, and it is interesting to our readers to note that apparently the first editor was Mr. Edward Phillips, "a widely renowned chemist," then in business in Thames Street, Kingston-on-Thames.

Recent Patents

Abstracts of specifications of recently-granted patents for inventions. The complete specification (1s. each including postage) of British patents can be obtained from the Patent Office, 25 Southampton Buildings, London, W.C.2, on quoting the name of the patentee and the number of the patent.

Skin Preparation.—A preparation for preserving the skin, consisting of a mixture of glycerin and solution of hydrogen peroxide. (M. Weidmann. 224,135.)

Collapsible Tube.—A collapsible tube provided with a non-detachable cap with an outlet, which can be closed and opened by screwing. W. C. Hunton. 224,145.)

Vanillin.—A process for the manufacture of vanillin, consisting in saponifying and oxidising the condensation product of chloral hydrate and guaiacol, e.g., guaiacyltrichloro-methyl carbinol is boiled under a reflux cooler, cupric acetate is added and air is blown into the mixture; the vanillin is then extracted with ether or chloroform. (Actien-Gesellschaft für Anilin-Fabrikation. 219,676.)

Rotary Tooth Brush.—In this device the brush bristles are secured in the strands of a twisted wire spindle, which passes through a tubular holder, and at its remote end is bent to form a cranked handle. The brush end is provided with a shield, to protect the soft parts of the mouth from the action of the revolving bristles. (W. H. Edey and A. J. Beale. 223,843.)

Sulphuric Acid.—The hot burner gases, after being freed from dust, are passed through a washing apparatus, in the opposite direction to the washing liquid, their speed and quantity being regulated so that particles of impurities in the form of cloud are enlarged by the vaporisation and condensation of the washing liquid to such an extent that they are easily separable in an electrical gas-purifier, but not to so great an extent that they are deposited in the washing apparatus. (Max Kraft. 220,413.)

UNITED STATES

Vitamin Compound.—Grape juice is fermented to produce unclarified wine, to which 3 to 4 per cent. of vitamin concentrate, obtained from yeast, is added. The proteins and albuminous substances of the vitamin concentrate combine with the tannin in the wine, giving rise to a colloidal precipitate. (J. R. Eoff. U.S.P. 1,480,520.)

Hexamethylenetetramine.—Methylene chloride is made to react with an excess of liquid ammonia under pressure; after removing the residual ammonia the crystalline mass is treated with a suitable solvent to separate the hexamethylenetetramine from the ammonium chloride formed during the reaction. (C. B. Carter. U.S.P. 1,499,002.)

Business Changes

PHILLIPS & SON, LTD., chemists, Wigan, have opened a branch in Chapel Lane.

MR. S. V. KENT, chemist and druggist, has taken over the business of Mr. A. J. Salter, chemist and druggist, at 1 Nevill Street, Abergavenny.

MR. N. BLACOW, chemist and druggist, Preston, has acquired the business of Mr. G. N. M. Birkett, M.A., chemist and druggist, 25 Finkle Street, Kendall.

VLAMOS & COTSAKIS have opened a pharmacy at 33 Miaoulis Avenue, Piræus. There is a special department for introduction to the Greek market of pharmaceutical specialities and packed goods of British origin.

DUBUIS & ROWSELL, suppliers of raw materials for perfumers and soapmakers, are removing on December 8 to more convenient premises at 26 Great Guildford Street, London, S.E.1. The telephone number ("Hop" 6170) and telegraphic address ("Duomatica," Sedist, London) are unaltered.

Pharmaceutical Society of Great Britain

Council Meeting

A MEETING of the Council was held at 16 Bloomsbury Square, W.C., on December 3, Mr. F. P. Sargeant (President) in the chair. Mr. Hardy was the only absent member. There were no questions. The following report of business transacted on December 2 was handed to the Press:—

PYRIDINISED METHYLATED SPIRIT

The President reported that since the last meeting of the Council they had got into touch with the British Medical Association, and both that body and the Council had communicated with the Board of Customs and Excise, pointing out the unsuitability of methylated spirit so treated for some of the uses to which it is put in medicine. A reply had been received from the Commissioners stating that they had the whole question at present under consideration and that they hoped to arrive at an early decision.

SECOND INTERNATIONAL CONFERENCE ON POTENT PREPARATIONS

It was reported that a further letter had been received from the Ministry of Health reporting upon the conference which had taken place at the Ministry of Health between representatives of that Department, the General Medical Council, the Medical Research Council, and the Pharmaceutical Society. In accordance with the resolution passed at the last meeting of the Council, Mr. White attended as a representative of the Society. The Ministry now informed the Society that it had been decided that the British delegation to the Conference should consist of representatives of those bodies, and the Council were asked to nominate a representative to serve on the proposed delegation. A copy of a letter addressed by the Government to the Belgian Ambassador on the subject was enclosed. It was resolved to nominate Mr. Edmund White, B.Sc., the chairman of the Science Committee, to serve upon this delegation.

PHARMACEUTICAL SERVICE IN THE ARMY

The President reported that a very large number of the branches had sent reports upon the action they had taken at the instigation of the Council during the general election in approaching candidates in regard to pharmaceutical service in the Army. As the result of the excellent work done, a very large number of members of Parliament had pledged themselves to support the efforts of the Society to get a reform in this matter. Among other letters received was an important one from the Bradford Branch, containing a letter addressed by Mr. Leach (who was a member of the last Parliament and was a candidate at the election), in which was enclosed a most important letter from Mr. Stephen Walsh, the Secretary of State for War in the last Government. It was resolved to appoint a permanent Committee of the Council to organise the future steps to be taken in this matter. The following were appointed to serve on this Committee:—The President, Vice-President, Messrs. Hines, Neathercoat, Peck and White.

DEATH

Before proceeding to the business of the meeting on December 3, the President referred to the death of Mr. G. Squire, Sheffield, who, he said, was a prominent member of the profession, and one who had done very valuable work in the days of the old Sheffield Association. He was sure the Council would wish to send an expression of sympathy to Mr. Squire's relatives. The Council approved the suggestion.

The President also referred to the continued absence of Mr. Hardy, who had been looking forward to attending the meetings, and was very disappointed that his medical adviser would not allow him to do so yet. Mr. Hardy was progressing very favourably. (Hear, hear.)

ELECTIONS, RESTORATIONS, AND EXAMINATIONS

There were no elections or restorations. The registrar reported that 109 persons had been registered as apprentices or students since the last meeting.

The following were appointed superintendents and deputy superintendents of written examinations:—Edinburgh, Mr. James Nesbit (deputy, Mr. Donald McEwan); London, Mr. E. White (deputy, Miss E. J. Mowat); Manchester, Mr. A. L. Blain.

EDUCATION COMMITTEE

This Committee reported that they had further considered the question of the proposed amendments to the Society's by-laws, particularly as they affect the Society's examinations, and it was resolved to recommend that the by-laws be amended in accordance with the proposals circulated to the Council at the last meeting, with certain modifications.

Mr. WHITE formally moved the adoption of the report, and the VICE-PRESIDENT seconded.

The PRESIDENT said that the Committee had for a long period been considering the question of altering the by-laws, and regulations made under them, in connection with the Society's examinations, and the Finance Committee had considered the financial aspects of the proposed changes. The Council had been committed for some time to the important change requiring that candidates for the Qualifying examination should not be allowed to take both parts at the same examination, a step which has been urged by the Government visitors to the examinations. Their intention had already been made public. The by-laws would have been published earlier but for the fact that in connection with the Major examination and curriculum it was necessary to consider the bearing on the question of the proposed degree in pharmacy to be granted by the London University. A decision had now been taken by the University to establish such a degree, and a Board of Studies in Pharmacy had been set up. The main change in the by-law was that which enabled a student, after passing what is now Part I, but in future would be the Preliminary Scientific examination, to have the choice of either taking a year's course for the qualification of a chemist and druggist, or of proceeding direct by means of a two years' course to the examination for the qualification of a pharmaceutical chemist. The rearrangement necessitated a readjustment of the fees. It would be seen that in future it would be possible for a student to become qualified, either as a pharmaceutical chemist or as a chemist and druggist, for a total (examination and registration fees) of twenty guineas. He did not think it could be reasonably contended that nowadays the cost for examination and registration from the school-days to absolute qualification—twenty guineas—was excessive. There were less important changes on other matters in the by-law which he did not propose to trouble them with at that time. The by-laws would have to be read at two further meetings of the Council before being submitted to a general meeting of members, and opportunities would thus be afforded of making any further explanations which might be required. He proposed that the recommendation of the Committee be adopted.

The VICE-PRESIDENT seconded.

Mr. WHITE said that members of the Council would realise that for some years the examinations had been in a state of flux. The new proposals were an attempt to codify the by-laws. All that had been done was to make permanent arrangements for the future, taking into consideration the altered circumstances due to the University degree and the new Major examination.

The resolution was carried unanimously. [The text of the revised by-laws is given on pp. 813-816.—EDITOR.]

The Committee also recommended the recognition of twelve schools for the teaching of certain subjects. The report was adopted.

FINANCE COMMITTEE

The financial statement showed that receipts since the last meeting, including a balance of £15 9s. 9d., amounted to £7,150 15s. 5d., comprising the following items:—Subscriptions, £230 14s. 9d.; examination fees, £234 5s.; registration fees, £228 18s.; certificates of qualification, £1 7s.; penalties, £83 8s. 8d.; "Pharmaceutical Journal" advertisements, etc., £953 18s. 2d.; "Pharmaceutical Journal" S.A. subscriptions, £2 12s. 6d.; Pharmaceutical Press publications, £1 12s. 8d.; "Pharmaceutical Pocket Book," £8 2s. 2d.; "Year-Book," £8 3s. 6d.; Register of Chemists and Druggists, £7 12s. 6d.; B.P. Codex, 1923, £88 15s.;

interest on investments, £435 8s. 9d.; sundries, 7s.; transferred from deposit account, £4,850. The balances on the other accounts were:—Benevolent Fund (current account), £3 4s. 11d.; Benevolent Fund (donation account), £10 5s. 6d., as at last meeting; War Auxiliary Benevolent Fund, £24 7s. 5d.; Orphan Fund, £8 5s. 6d. The report recommended that accounts amounting to £4,492 1s. 6d. be paid, and that the action of the secretary in making payments amounting to £644 8s. 11d. be approved. The Committee had also considered the probable effect financially of the new scale of examination fees and other alterations relating to examinations proposed by the Education Committee, and, so far as they affected the finances of the Society, approved of the changes recommended. The report was adopted.

BENEVOLENT FUND

The Committee of the Fund reported that they had considered eight applications, and had made grants ranging from £26 to £55. They also authorised a contribution of £5 5s. to the London Orphan School. The following special contributions were announced:—Walthamstow and District Pharmaceutical Association, £1 14s.; Northampton Pharmacists' Association, 8s. 3d.; S. T. and S. A. Milbank, Bishop's Stortford, £1 15s.; Bradford and District Pharmaceutical Association, £67 13s. 8d.; Dewsbury Chemists' Association, £5; Harrow District Pharmacists' Association, £2 2s.; contributions through Mrs. E. H. Penfold, Bristol, £6 7s.; Oxford and District Branch and Chemists' Association, £5 5s.; Chester and District Pharmacists' Association, £1 15s. 6d.; Preston and District Pharmacists' Association, £4; Portsmouth Pharmacists' Association, £3 3s.; Plymouth and District Branch, £2; Warwickshire Branch, 13s. *Orphan Fund*.—Portsmouth Pharmacists' Association, £2 2s.

Mr. H. O. LLOYD, chairman of the Committee, expressed satisfaction at the Bradford contribution, explaining that the members of the old Association had decided to hand over the balance available on its winding up. The report was adopted.

WAR AUXILIARY BENEVOLENT FUND

This Committee reported having considered one application, but, having decided that it did not come within the objects of the Fund, they made no recommendation.

SCIENCE COMMITTEE

The Science Committee reported that they had considered the question of the colouring of arsenical weed-killers, and the letter from the Privy Council which had been referred to them. The letter inquired whether the Society was disposed to direct further investigations being made with a view of discovering whether potassium bichromate is more useful than the other colouring agents mentioned in the report for the purpose of colouring weed-killers. The Committee recommended that the Privy Council be informed that the Society was prepared to investigate the matter further.

Mr. WHITE suggested that, although the investigations would mean some expense and a good deal of work, it was the duty of the Society to undertake them. The report was adopted.

This was all the public business.

Election of Annuitants

The election of seven annuitants of the Society took place on December 3. There was no contest. The President, who was in the chair, moved, and Mr. H. O. Lloyd seconded, the election of the following persons:—A. A. Barker, Sarah Bridgwater, E. Holl, Charlotte E. Hunter, C. Longley, Nellie G. Macdonald, and C. B. Warrington.

Branch Meetings

Burnley.—The Burnley and District Branch met on November 27, Mr. U. Aylmer Coates (chairman) presiding. Dr. Herbert Slane gave a lecture on *The History of Medicine*, which was highly appreciated. Commencing with the earliest known instances of the healing

art, Dr. Slane gave the Greek systems of medicine from the time of Hippocrates to the Christian era, the art as it existed in ancient Rome and among the early Christians, the principles of the Saracenic School, and its further progress until the discovery of the circulation of the blood by Harvey, which, the lecturer explained, formed the dividing line between ancient and modern medicine. A hearty vote of thanks was accorded.

Exeter.—A meeting of the Exeter Branch was held on November 26, Mr. W. J. Shepperd (chairman) presiding. The draft of the Poisons Labelling Order was discussed, and it was resolved to request the Pharmaceutical Society to urge that the regulations should include: That all necessary legal particulars shall appear both on the label attached to the container and also on the outside wrapper; and that a definite minimum percentage shall be specified below which it shall be unnecessary to state on the label the proportion of poison present in a preparation containing a scheduled poison. The offer of Professor W. H. Lewis and Mr. A. H. Ware to conduct an examination at the School of Pharmacy for local student-associates was accepted, and it was resolved to offer as prizes a copy of the B.P. codex, open to all student-associates, and a supplementary prize for which students attending the school would not be eligible.

Sunderland.—At a meeting of the Sunderland Branch, on November 26, held in the chemical lecture theatre of the Sunderland Technical College, Mr. R. Anderson in the chair, Mr. Thomas Marns (member of the Pharmaceutical Council) gave an address entitled *Milestones*, in which he gave a short account of the condition of pharmacy fifty years ago, as it is at the present time, and indicated possible future developments. The impression that Mr. Marns left upon his audience was one of optimism, that pharmacy is steadily progressing, and that it offered plenty of opportunity to the right man. He congratulated the local pharmaceutical apprentices on the excellent opportunities afforded them by Sunderland Technical College, especially since the establishment there of a pharmacy department under Miss Hope C. M. Winch, Ph.C. After the address, Mr. Rankin, who was apprentice master to Mr. Marns, proposed a vote of thanks to the speaker, which was heartily accorded. The meeting then closed with a discussion, during which light refreshments were served.

Swansea.—On November 27, at the Hotel Cameron, the members of the Swansea, Neath and Port Talbot branch, along with the Carmarthen, Pembrokeshire and Cardigan-shire branches, were addressed by Mr. W. A. Poucher, Ph.C., London, on *Pharmaceutical Service in the Army*. The chair was taken by Mr. Francis D. Phillips, M.P.S., Haverfordwest. There was a large gathering. Mr. Poucher concluded an interesting address by urging the local branches to press for reforms through their local members of Parliament. After a discussion the following resolution was passed:—That this meeting emphatically condemns the inaction of the Army authorities in connection with the urgent necessity for reforms in the Army Pharmaceutical Services, and pledges to secure from Swansea and the West Wales branches of the Pharmaceutical Society fullest support for the publicity campaign urged by the speaker.

A NOTE ON PORT.—"The recognised average strength for port has always been some 35 degrees, but the Portuguese Government permits the export of wine under the name of port at a strength below 30 degrees, which enables the wine to come into this country at the lower rate of wine duty. This low strength, however, is attained only by artificial treatment of the wine, whereby it ceases to conform to the standard generally accepted by the trade. . . . An announcement appeared recently in the English Press to the effect that the Portuguese Government proposed to issue a decree limiting the right of use of the word "Port" to wines of a strength not less than 32 degrees, and it is to be hoped that, for the sake of the good name of this wine, as well as in the interest of the British revenue, this very necessary restriction may take effect shortly."—W. & A. Gilbey, Ltd., in "The Morning Post."

REVISION OF THE PHARMACEUTICAL SOCIETY'S BY-LAWS.

The following is the text of the suggested By-laws, read a first time at the meeting of the Pharmaceutical Society's Council on December 3.

PRESENT BY-LAWS

SECTION IV

BY-LAWS AND REGULATIONS

The making, altering, or abrogating of any By-law or any Regulation, to be prescribed by the Society, in accordance with any statute, shall be in the following manner:—

1. A form for any proposed By-law or Regulation, or for altering or abrogating any by-law or Regulation, being delivered at a Council Meeting by a Member of the Council to the Chairman, or brought up on the Report of a Committee, shall thereupon be read, and, if seconded and approved, shall be referred to two subsequent ordinary or special meetings of the Council for confirmation, and then to a special General Meeting of the Members of the Society, and afterwards to the Privy Council, according to the provisions of the Statute, 1852, and the Act, 1868.

SECTION VI

COUNCIL

4. The Council may from time to time in its discretion appoint such Committees as shall appear expedient, and may from time to time modify or dissolve any Committee. The President and Vice-President shall be *ex-officio* Members of all Committees, and the President shall preside at all Meetings of the Council, or in his absence the Vice-President. If the President and Vice-President are both absent, a Chairman shall be chosen by the Members present.

SECTION VII

EXAMINERS—EXAMINATIONS—FEES

4. The Council shall not appoint any person to be an Examiner who has attained the age of sixty-five years.

10. The Boards of Examiners shall conduct all Examinations according to the by-laws in force in that behalf, and according to such regulations as shall be made from time to time by the Council. All altered or new regulations shall before becoming operative receive the approval of the Privy Council and shall immediately thereafter be published in the "Pharmaceutical Journal."

11. Persons desiring to obtain Certificates of competent skill and qualification to be registered as Chemists and Druggists under the Act, 1868, shall deliver to the Registrar a Certificate of having passed an Examination in Preliminary Knowledge previously approved for the purpose by such regulations as are specified by the last preceding By-law, and shall pay to him a fee of Two Guineas, whereupon they shall be registered as "Apprentices or Students," and their names shall be reported to the Council at the next ensuing meeting.

12. Persons desiring to present themselves to the Examiners for examination in accordance with the Charter and Statute, 1852, or the Act, 1868, and having been registered as "Apprentices or Students," shall be examined in Chemistry, Physics, Botany, Materia Medica, Pharmacy, including Posology, and the translation and dispensing of Prescriptions, the Law relating to the keeping, selling, and dispensing of Poisons and Poisonous Substances, which Examination shall be called the Qualifying Examination.

13. The Qualifying Examination shall be divided into two parts, viz.:—

PART 1.—(a) Chemistry. (b) Physics. (c) Botany.

PART 2.—(d) Materia Medica.

(e) Pharmacy, including Posology and the Translation and Dispensing of Prescriptions.

PROPOSED NEW BY-LAWS

SECTION IV

BY-LAWS AND REGULATIONS

The making, altering, or abrogating of any By-law to be prescribed by the Society, in accordance with any statute, or any Regulation to be prescribed in accordance with Section 1 of the Pharmacy Act, 1868, shall be in the following manner:—

1. A form for any proposed By-law or Regulation, or for altering or abrogating any By-law or Regulation, being delivered at a Council Meeting by a Member of the Council to the Chairman, or brought up on the Report of a Committee, shall thereupon be read, and, if seconded and approved, shall be referred to two subsequent ordinary or special meetings of the Council for confirmation, and then to a special General Meeting of the Members of the Society, and afterwards to the Privy Council, according to the provisions of the Statute, 1852, and the Act, 1868.

SECTION VI

COUNCIL

4. The Council may from time to time in its discretion appoint from amongst its Members or otherwise such Committees as shall appear expedient, and may from time to time modify or dissolve any Committee. The President and Vice-President shall be *ex-officio* Members of all Committees, and the President shall preside at all Meetings of the Council, or in his absence the Vice-President. If the President and Vice-President are both absent, a Chairman shall be chosen by the Members present.

SECTION VII

EXAMINERS—EXAMINATIONS—FEES

10. The Boards of Examiners shall conduct all Examinations according to the by-laws in force in that behalf, and according to such regulations as shall be made from time to time by the Council.

11. Persons desirous of obtaining Certificates of competent skill and qualification to be registered as Pharmaceutical Chemists under the Act of 1852 shall

- (a) Submit to the Board of Examiners a certificate that they have passed one of the Examinations in General Preliminary Knowledge prescribed by the Regulations referred to as the "Preliminary Examination," and upon the Board of Examiners certifying to the Registrar that the candidates possess a competent knowledge to be engaged or employed as apprentices or students, they shall be so registered and their names shall be reported to the Council at the next ensuing meeting.
- (b) Submit to the Board of Examiners a Certificate that they have passed one of the Examinations in Scientific Knowledge prescribed for this purpose by the regulations to be called the "Preliminary Scientific Examination."
- (c) Present themselves to the Examiners for Examination in Botany, Chemistry, Pharmacognosy, Pharmacy (including the translation and dispensing of Latin prescriptions) and Forensic Pharmacy, which Examination shall be called the Pharmaceutical Chemist Qualifying Examination. The scope of the Examination in these subjects and the standard of knowledge

- (f) The Law relating to the keeping, selling and dispensing of poisons and poisonous substances, provided that persons may at their option tender themselves for both parts of the Examination, but shall not be examined in Part 2 until they have satisfied the Examiners in Part 1.

14. All persons desiring registration as Chemists and Druggists shall pay a fee of Twelve Guineas and shall pass the Qualifying Examination.

All persons entering for Part 1 of the Examination shall pay a fee of Six Guineas as a first instalment of their registration fee and present themselves for all three subjects. Persons who have failed in one subject only may offer themselves for re-examination in that subject, if permitted to do so by the Examiners, on payment of a fee of Three Guineas.

All persons entering for Part 2 shall pay a fee of Six Guineas as a second instalment of their registration fee and present themselves for all three subjects. Persons who have failed in one subject only may offer themselves for re-examination in that subject if permitted to do so by the Examiners on payment of a fee of Three Guineas.

15. All persons shall at the time of giving notice to present themselves for the Qualifying Examination have been registered as Apprentices or Students, and the Council may make Regulations requiring that such persons shall produce to the Registrar evidence satisfactory to the Council that they have received sufficient preliminary practical training and have undergone courses of study in the subjects for which they have entered, provided that such Regulations shall not impose a longer period of training or course of study than twelve months upon persons entering for the first time for Part 1 of the Examination, or require as a condition of receiving a Certificate of competent skill and qualification to be registered as Chemists and Druggists a total period of training or course of study of less than three or more than four years. It shall be competent for the Council during the period of the War and such time thereafter as the Council may, with the consent of the Privy Council, determine to exempt from the provisions of the Regulations herein referred to such classes of persons or persons whose opportunities for training have been affected by the War or the conditions arising therefrom as the Privy Council, on the recommendation of the Council, may approve.

thereof to be required by the Examiners shall be such as may be prescribed by the regulations. Provided that up to and including the Examination to be held in July 1928 persons who were registered as Chemists and Druggists before November 1, 1926, may obtain registration as Pharmaceutical Chemists by passing an Examination in accordance with the syllabus and conditions prescribed by the Regulations in force up to November 1, 1926.

12. Persons desirous of obtaining Certificates of competent skill and qualification to be registered as Chemists and Druggists under the Act of 1868 shall

- (a) Submit to the Board of Examiners a Certificate that they have passed one of the Examinations in General Preliminary Knowledge prescribed by the Regulations referred to as the "Preliminary Examination," and upon the Board of Examiners certifying to the Registrar that the Candidates possess a competent knowledge to be engaged or employed as Apprentices or Students they shall be so registered and their names shall be reported to the Council at the next ensuing meeting;
- (b) Submit to the Board of Examiners a Certificate that they have passed one of the Examinations in Scientific Knowledge prescribed for this purpose by the Regulations to be called the "Preliminary Scientific Examination";
- (c) Present themselves to the Examiners for examination in Pharmacognosy, Pharmacy (including the translation and dispensing of Latin prescriptions), Pharmaceutical Chemistry and Forensic Pharmacy, which Examination shall be called the Chemist and Druggist Qualifying Examination. The scope of the Examination in these subjects and the standard of knowledge thereof to be required by the Examiners shall be such as may be prescribed by the Regulations.

13. All persons shall, upon their registration as Apprentices or Students, pay to the Registrar a fee of Two Guineas.

All persons entering for the Preliminary Scientific Examination conducted by the Board of Examiners appointed by the Council in accordance with the By-laws shall pay a fee of Six Guineas. Persons who have failed in one subject only may offer themselves for re-examination in that subject if permitted to do so by the Examiners.

All persons submitting to the Board of Examiners a Certificate that they have passed one of the Preliminary Scientific Examinations prescribed by the Regulations other than the Preliminary Scientific Examination conducted by the said Board, shall pay a fee of Two Guineas.

All persons presenting themselves for either of the Qualifying Examinations shall pay a fee of Twelve Guineas.

Persons who, in either of the Qualifying Examinations, have failed in one subject only, may offer themselves for re-examination in that subject if permitted to do so by the Examiners.

16. No person shall be permitted to enter for Part 2 of the Examination who has not attained the full age of 21 years.

17. Persons registered as Apprentices or Students on or before December 31, 1919, may take both parts of the Qualifying Examination at one time without fulfilling the requirements of any regulation imposing courses of study or preliminary practical training upon payment of a fee of Ten Guineas, to include registration as Chemists and Druggists, provided they pass the Qualifying Examination on or before July 1, 1923.

18. Persons desiring certificates of competent skill and qualification to exercise the business or calling of Pharmaceutical Chemists shall produce to the Registrar evidence of having been previously registered as Chemists and Druggists, and shall be examined in more extended knowledge of Botany, Materia Medica, Chemistry, and Physics, or such of them as the Council may from time to time determine, which examination shall be called the Major Examination.

19. Persons who shall tender themselves to the Examiners for examination under the provisions of the Act, 1868, shall be examined in the Qualifying Examination.

20. The Examiners may grant or refuse to such persons as have tendered themselves for the Qualifying Examination and the Major Examination respectively Certificates of competent skill and knowledge and qualification; and lists of such persons shall be delivered by the Examiners to the Registrar immediately after each Examination.

21. Persons desiring registration as Pharmaceutical Chemists under the Statute, 1852, shall pay a fee of Three Guineas and pass the Major Examination, whereupon they shall be registered accordingly.

23. All notices of intention to attend for examination shall be to attend on the next occasion of the Examination being held, and all fees in respect of examination and registration shall be payable on the giving of notice of intention to attend for examination, and in no case shall any fee paid in accordance with the By-laws be remitted or returned.

24. Persons who have attended the Examination for which they entered, and failed to pass, shall not be entitled to attend on any future occasion unless and until they shall have given to the Registrar renewed notice of intention to attend an examination, and shall have paid fees as follows:—

- (a) *In respect of the Major Examination, Two Guineas;*
- (b) *In respect of the Qualifying Examination or any part thereof, Three Guineas.*

25. Persons who have given notice of intention to attend an Examination, and have failed duly to attend at the time appointed for the same, shall not be entitled to attend on a future occasion unless and until they have given renewed notice of intention to attend an Examination, and shall in each case have paid a fee of One Guinea—or if the persons shall have produced to the Registrar medical certificates or other satisfactory evidence that the said failure to attend was occasioned by unavoidable and proper causes—One Shilling.

28. Persons who, before January 1, 1921, make application, in the prescribed form, to be registered, without examination, as Chemists and Druggists, provided they produce evidence satisfactory to the Council that

- (a) They had before December 21, 1908, obtained under the provisions of the Apothecaries Act, 1815 (Section 17) a Certificate of Qualification

14. No person shall be permitted to enter for either of the Qualifying Examinations who has not attained the full age of 21 years.

15. Persons who shall tender themselves to the Examiners for examination under the provisions of the Act, 1868, shall be examined in the Chemist and Druggist Qualifying Examination.

16. The Examiners may grant or refuse to such persons as have tendered themselves for the Pharmaceutical Chemist and Chemist and Druggist Qualifying Examinations respectively Certificates of competent skill and knowledge and qualification; and lists of such persons shall be delivered by the Examiners to the Registrar immediately after each Examination.

17. Persons who have attended the Examination for which they entered, and failed to pass, shall not be entitled to attend on any future occasion unless and until they shall have given to the Registrar renewed notice of intention to attend an examination, and shall have paid fees as follows:—

- (a) *In respect of the Pharmaceutical Chemist or Chemist and Druggist Qualifying Examinations, Six Guineas;*
- (b) *In respect of the Preliminary Scientific Examination conducted by the Examiners appointed by the Council in accordance with the By-laws, Four Guineas.*

18. Persons who have given notice of intention to attend an Examination, and have failed duly to attend at the time appointed for the same, shall not be entitled to attend on a future occasion unless and until they have given renewed notice of intention to attend an Examination, and shall in each case have paid the following fees:—

- (a) *In respect of the Pharmaceutical Chemist or Chemist and Druggist Qualifying Examinations, Three Guineas;*
- (b) *In respect of the Preliminary Scientific Examination, conducted by the Examiners appointed by the Council in accordance with the By-laws, Two Guineas.*

to act as an assistant to any Apothecary in compounding or dispensing medicines;

- (b) They had been for a period of seven years immediately prior to the date of their application continuously employed as whole-time dispensers engaged in the compounding and dispensing of medicines, either in charge of the Department or on similar responsible duties, in an Institution approved by the Council for this purpose;

shall be so registered, without examination, upon payment of a registration fee of Fourteen Guineas; provided that the Council may refuse to register any person so applying if, on grounds to be stated by them, they are of opinion that the applicant does not possess the necessary skill, qualification and fitness to be so registered. The form and method of application and the Institutions to be approved for the purposes of this Bye-Law shall be prescribed by Regulations to be made by the Council, and approved by the Privy Council.

SECTION XXI

REGULATIONS

1. The Council shall have power to make Regulations for any of the following purposes:—

- (a) For prescribing the times, places, forms and dates of entry for, and methods of conducting the Examinations to be held in accordance with the Charter and the Pharmacy Acts.
- (b) For prescribing the scope of the subjects and the standard of knowledge thereof to be required of candidates presenting themselves for examination.
- (c) For prescribing the scope and length of training to be undergone by candidates presenting themselves for examination and the evidence thereof to be submitted by the candidate.
- (d) For prescribing the character and length of curricula to be taken by candidates, the institutions at which such curricula may be taken, and the evidence thereof to be submitted by the candidate.
- (e) For regulating the Registers to be kept by the Registrar.

2. All such Regulations and all altered or new Regulations shall, before becoming operative, receive the approval of the Privy Council and shall immediately thereafter be published in the "Pharmaceutical Journal."

League of Nations

OF the two Conferences summoned by the League of Nations to meet in Geneva, the first,

THE OPIUM CONFERENCE,

which began its sittings on November 3 (*C. & D.*, November 15, p. 719, and November 22, p. 744), for the purpose of drafting an agreement between the eight Powers concerned for the suppression of opium smoking in the Far East, has, after a temporary deadlock, apparently reached an agreement. Commenting at the time on "the inglorious death of the Opium Conference," the "*Journal de Genève*" (November 19) expressed the view that "the truth of the matter is that no government has any desire to take effective steps to control the use of opium. More than a third of the budget revenue of the Colonies in the Far East is derived from opium; the mines and plantations are dependent upon Chinese labour, which can only be attracted and exploited by reducing it to the level of a beast by opium. To combat the smuggling of opium would mean depriving the Chinese generals of their chief source of revenue, in other words, would render it impossible for them to purchase armaments from European countries and from Japan, with which to prosecute the civil war. However, all these motives would not have produced the deadlock at the Conference, had not the Japanese delegation hastened to the aid of the wobblers and furnished them with a good reason for bringing about a breakdown. As a result of Draconic measures, the Japanese have succeeded in keeping their people free from the opium vice. Nevertheless, they import large quantities of raw opium for the manufacture of morphine, which they smuggle into China and the United States. For a long time they obtained the necessary opium from America; now that that country has succeeded in effectively preventing this traffic, they obtain it either from Persia or from India. If it comes from India, the British authorities in Singapore and Hong Kong allow it to pass without raising difficulties; however, when it comes from Persia in Japanese vessels they seize it. Hence the Japanese have been able to mix this problem with the question of the equality of races and the rights of maritime authorities in international ports. These questions, entirely foreign to the real issue, caused the shipwreck of the Conference, to the feigned indignation of all the governments represented." The Conference adjourned on November 16, following a serious diver-

gence of opinion between the delegates of Great Britain and Japan regarding the recognition of the import and export certificates accompanying consignments of opium, the British authorities claiming the right to seize, in certain cases, consignments of the drug in transit through Singapore and Hong Kong; for instance, when the certificate has notoriously been issued by some too complaisant Chinese provincial authority, a claim to which the Japanese delegate took strong objection, as implying a lack of mutual confidence and respect between governments. After an interruption lasting a week, the Conference met again on November 24, and, following a discussion bearing on the question of ways and means of prohibiting the exportation of opium for smoking, in the course of which the meeting was temporarily suspended, the President, Heer van Wetsum (Holland) announced, amidst applause, that the delegates of the eight Powers represented at this Conference had reached an agreement in principle on the measures to be adopted to combat opium smoking, and it only remained to draft the text of the agreement. In a leading article, entitled "Imperial Policy and League of Nations," the "*Journal de Genève*" of November 28 observes that, apart from its technical and humanitarian side, the Opium Conference possesses a highly political character. The United States has sent to Geneva an official delegation furnished with full powers, and will press for the adoption of the plan elaborated and proposed by Mr. Stephan Porter. The future attitude of the United States towards the League of Nations, the writer contends, will be largely influenced by the outcome of the second Conference, now in session, to limit the use of narcotics to legitimate purposes. The American proposal aims at securing a reduction in the production of the raw materials from which these narcotics are prepared, hence it materially affects the interests of the producing countries—that is to say, China, India, Persia and Turkey. There is no legitimate exportation of opium from China, the article proceeds, it is only smuggled out of that country, and the example of Formosa shows that with goodwill it is possible practically to suppress the illicit introduction of the drug. Turkey does not produce enough to permit the illicit manufacture of narcotics on a large scale. Remain India and Persia. "The Indian Government, instead of restricting the cultivation of the poppy, grants subsidies to the cultivators, and its Budget is largely based on the revenue derived from the opium monopoly. It is true that on account of its low content of morphine, Indian opium is not very suited to the manufacture of alkaloids. But Persian opium is also in the hands of

Great Britain, which granted a loan to Persia, guaranteed by the revenue from the cultivation of the poppy. Consequently, in suggesting a reduction in the production of the raw material, the United States is striking a blow chiefly against British interests. Unquestionably England will be held responsible by public opinion in America should the Opium Conference prove a failure, since England is all-powerful in India, in Persia, and in most countries where opium is produced and consumed. Thus the opium question assumes the aspect of a conflict of views between Great Britain and America. England and her Colonies must decide whether they wish to carry out a European or a world-wide policy."

CONTROL OF NARCOTICS

On November 22 two commissions were appointed, one to examine all the proposals submitted for the limitation of the manufacture of narcotics and restrictions in the production of raw materials intended for export, and the other to deal with proposed amendments to the provisions of the Hague Opium Convention. On November 25 these two commissions proceeded to form six subcommittees. Already the second Conference, emulating the first, has had its crisis. This arose in consequence of the proposal by the American delegation that its project for the limitation of the production of opium and coca leaves should be submitted to a subcommittee. Messrs. Campbell and Clayton (India) strongly opposed this suggestion, on the grounds that the Conference was not competent to discuss the question of the production of raw opium. Finally, a breakdown appeared almost inevitable, the Conference, by twenty-six votes (including Canada and the Irish Free State, Britain, Australia, France, Holland and Turkey) accepted the American standpoint. Although most of the delegates have at one time or another taken part in the debates, the real work of the Conference has only now begun, and this work is being carried out by the various commissions and subcommittees, the reports of which will doubtless provide sufficient material for lively discussions at plenary meetings.

Personalities

AMONG the successful candidates at the recent examinations of the Spectacle Makers' Company was Mr. William C. Harris, chemist and druggist, Hither Green Lane, London, S.E.13.

At a meeting of the Westfield Lodge of Freemasons, No. 3,686, recently, Mr. J. T. Brown, chemist and druggist (Durbin's, Ltd., chemists), Ealing, London, W.5, was elected Worshipful Master.

Mr. F. D. PHILLIPS, Haverfordwest, has been co-opted a member of the executive committees of the Chemists' Defence Association, Ltd., and the Retail Pharmacists' Union, in place of the late Mr. Leopold Joseph.

AN unpleasant experience has befallen Mr. F. H. M. Foster, chemist and druggist, Deal. He left home suddenly on November 28, and was found five days later at Dover, apparently suffering from loss of memory. Friends took him home, and it is hoped that he will recover.

Mr. FREDERICK TWELLS, who has been appointed a director of Ayrton, Saunders & Co., Ltd., manufacturing chemists, Liverpool, was born and educated in Lincoln. He was apprenticed with Battle, Son & Maltby, in his native city, and gained wider experience in London and Bradford. In 1914 he took up a position with Ayrton, Saunders & Co., Ltd.

Mr. R. C. WREN, J.P., F.L.S., a director of Potter & Clarke, Ltd., manufacturing chemists, London, was presented by the Association of Wholesale Druggists and Manufacturers of Medicinal Preparations, at Manchester, on November 26, with a gold watch and chain, in recognition of his twenty-one years' service as honorary secretary of the Association. Mr. Thomas Reade (Reade Bros. & Co., Ltd., Wolverhampton) presided at the ceremony. Mr. Wren was unable to be present on account of illness, and his son, Mr. R. W. Wren, thanked the members of the Association on his behalf.

Marriages

GILL—JONES.—On November 26, Herbert Edward Hamilton Gill, chemist and druggist, only son of Mr. H. E. Gill, chemist and druggist, 97 Heneage Street, Birmingham, to Jessie R. Jones, Edgbaston.

HAINES—DOBSON.—At St. Chrysostom's Church, Manchester, on December 2, by the Rev. Benjamin Pollard, M.Sc., George Herbert Haines, Ph.C., F.S.M.C., 241 Stockport Road, to Jane Dobson, Thornley, co. Durham.

Deaths

BRAY.—At 220 Paisley Road West, Glasgow, on November 27, Mr. William Bray, chemist and druggist, aged seventy-three.

COKAYNE.—On November 20, following an accident, Mr. James Cokayne, chemist and druggist, for many years in business at Bristol, aged eighty-four.

IRVING.—At 47 Atherfold Road, London, S.W.9, on November 27, after a long illness, Mr. Malcolm M. Irving. Mr. Irving was for some years the faithful and popular representative of Evans Sons Lescher & Webb, Ltd., Liverpool, in Australia and New Zealand, where he had to the last a large number of friends.

JOHNSTON.—In Antrim County Infirmary, on November 27, Mr. Thomas Johnston, Ph.C., 16 Market Square, Lisburn. Mr. Johnston served his apprenticeship to Mr. James Allen, Ph.C., Lisburn, and had further experience in London and Belfast. After passing the Licence examination in 1914 he purchased the business of Mr. Walsh, Lisburn. Mr. Johnston was a member of the Lisburn Golf Club and the Masonic Institution. He leaves a widow and three children.

KNOWLES.—At Reading, on November 17, Mr. John Heles Knowles, chemist and druggist, aged eighty-four.

McALPINE.—At his residence, 41 Scott Street, Garnethill, Glasgow, on December 2, Mr. A. N. McAlpine, professor of botany at the West of Scotland Agricultural College. Professor McAlpine was well known in pharmaceutical circles. He was gifted with an original method of imparting knowledge that made his subject live in the minds of his pupils, and many men now in business have pleasant recollections of him as a teacher.

McKENZIE.—At Crieff, on November 30, Mr. William McKenzie, chemist and druggist, James' Square, aged seventy-seven. Mr. McKenzie carried on business in Crieff for nearly fifty years. He is survived by a widow and two daughters.

OWEN.—At Welwyn, on November 21, Mr. Griffith Charles Owen, chemist and druggist, aged sixty.

SMITH.—At 396 Halliwell Road, Bolton, recently, Mr. Richard Henry Smith, chemist and druggist, aged seven-three. Mr. Smith, who was in business in Bolton for a lengthy period, is survived by a widow. The Bolton and District Branch of the Pharmaceutical Society was represented at the funeral by Mr. W. Blain, Ph.C.

WHELDON.—At his residence in Aintree, Liverpool, recently, Mr. James Alfred Wheldon, M.Sc., A.L.S., chemist and druggist. Mr. Wheldon, who qualified in 1884, was for thirty years pharmacist at Walton Prison, and on retiring received the Imperial Service Medal. A keen botanist, he was a founder of the Liverpool Botanical Society and of the British Bryological Society, serving on more than one occasion as President of the local body. Mr. Wheldon was the joint author of "Flora of West Lancashire," and contributed numerous monographs to botanical publications. At the meeting of the British Association at Liverpool last year he served as Vice-President of the Botany Section, and contributed to the botanical chapters in the handbook published in connection with the visit. His honorary science degree was conferred at Liverpool University in 1922. There was a large attendance at the funeral, which took place at Walton Park Cemetery on December 2.

Trade Notes

GELATIN TOOTH-BRUSH CASES are advertised by Mr. Cicero Clark, 12 Richmond Road, London, W.2. These are excellent containers for tooth-brushes, and customers appreciate the care taken by their chemist in presenting the brush in the cleanest state.

CHRISTMAS WINE is the subject of the advertisement in this issue of Ayrton, Saunders & Co., Ltd., Liverpool. Jose Serrano port wine and sherry, "Rodrigo" port wine and Ayrton's invalid port wine, are the special lines of which the wholesale prices are given.

RUBWEL SKIN TABLET.—Alza Manufacturing Co., Chorlton-cum-Hardy, Manchester, send us a sample of Rubwel tablet. The tablet is used for chapped hands and sells at 3d. It is packed in attractive cartons. Other special lines are Alza face powder (in aluminium screw boxes) and Alza bouquet.

FOOD PRESERVATIVES.—Stevenson & Howell, Ltd., 95A Southwark Street, London, S.E.1, have issued a booklet entitled, "Notes on the Final Report of the Departmental Committee on the Use of Preservatives and Colouring Matters in Food." This gives useful notes as well as a summary of the conclusions and recommendations of the Committee. Copies can be had on application.

VINOLIA PRODUCTS.—Since we referred to the special packings adopted by the Vinolia Co., Ltd., for Christmas goods, the Vinolia sample boxes (selling at 1s. 6d.) have been improved in several details, which have increased the attractiveness of the articles. The box is now lined with Wedgwood blue paper and a booklet enclosed describing the use of the toilet preparations. The outer is wrapped in cellophane. The wholesale price has been reduced.

ÆTHER PURISS, B.D.H.—It will be remembered that at the British Pharmaceutical Conference in July a paper by Mr. G. Middleton on the preservation of anæsthetic ether was presented. This was the result of an investigation carried out in the laboratories of The British Drug Houses, Ltd. The company have now carried the matter to the commercial stage and are selling æther puriss, B.D.H., embodying methods of preventing oxidation and purification from all decomposition products. The result is an absolute ethyl ether for the production of anæsthesia without nausea. It contains no added preservative and is protected from light by being packed in amber-coloured bottles, which are wrapped in black paper. The packages are 4 oz., 8 oz., and 16 oz.

"CHOCOLATE IODOSTARIN TABLETS" is the correct title of the tablets referred to in this column last week. The Hoffman-La Roche Chemical Works, Ltd., 7 and 8 Idol Lane, London, E.C.3, have sent us a sample of the tablets, which are now largely in demand for the prophylaxis and treatment of simple goitre. The tablets are small and are medicated with tauric acid di-iodide, so that each contains the equivalent of 5 milligrams of iodine. Chocolate Iodostarin tablets have been used in Switzerland for some years and have been adopted by various public bodies in Switzerland and the United States as a safe and efficient means of administering iodine as a prophylactic. The boxes of fifty tablets retail at 3s. 7d. Chemists in Derbyshire particularly should be prepared for the demand for iodised preparations, as the propaganda is to be intensified in districts where goitre is prevalent.

THE PRICE OF A BUSINESS.—During an examination in bankruptcy at Reading, on November 27, the debtor stated that in January 1923 he commenced business as a drug-store proprietor, with £30—his Army gratuity—as capital. He had a twenty-one years' lease of the premises at £60 a year. Sometimes he was able to pay his living and business expenses out of the proceeds, but not always, and about June of this year he decided to sell the business. He wanted £650 for it, but sold it for £500. The stock was worth £300.

THE CHEMIST AND DRUGGIST ESTD 1859 RETAIL PRICE LIST based on definite costing principles

THE following are the chief alterations in the cost and selling prices since those given in the *C. & D.*, November 8, p. 674, and enable chemists to revise the *C. & D.* Retail Price List which was issued in THE CHEMIST AND DRUGGIST, October 4, up to December 1. The outstanding feature of November was the fall in the price of bismuth salts, but the only one to be considered this month is the carbonate; the other variations are due in January. Almond oil continues to advance, and a few other oils show the same tendency. The index for drugs in November is 154.4, being an increase of 2.1 over October. The rise is due to oleum morrhue, potas. brom., and syrup. ferri phos. co. The index for surgical dressings remains unchanged at 250.3.

	Cost	Selling Price (solid or liquid)					
		1 lb. or as stated	16 oz.	4 oz.	1 oz.	1 dr.	Gr. or ℥
Ac. hydrobrom. dil.	s. d.	1 2	—	0 8	0 3	0 1	—
Bismuth. carb. ..	s. d.	11 9	—	5 3	1 5	0 3	—
Eserin. sulph. gr.	s. d.	0 9	—	—	—	—	1 6
Estoral .. oz.	s. d.	3 6	—	—	—	1 0	—
Ext. ergot. pulv. B oz.	s. d.	2 8	—	—	4 8	0 10	—
Ext. ergot. liq... B	s. d.	6 6	—	3 4	0 10	0 2	—
Macid. pulv. opt. ..	s. d.	6 6	9 9	2 10	0 10	—	—
Ol. amygd. Ang. ..	s. d.	6 0	—	2 9	0 10	—	—
Ol. lavand. ab flor. ..	s. d.	48 0	—	—	5 9	0 10	—
Ol. menth. pip. redest.	s. d.	48 0	—	—	5 9	0 10	—
Ol. menth. pip. exot.	s. d.	26 0	—	11 2	3 0	0 6	—
Ol. morph. Nor. gal.	s. d.	9 0	1 8	0 8	0 3	—	—
Ol. theobrom. ..	s. d.	4 0	6 0	1 10	0 6	0 1	—
Sacchar. lact. ...	s. d.	1 5	2 3	0 8½	0 3	—	—
Tinct. sumbul. ..	s. d.	15 0	—	6 4	1 9	0 3	—
Ung. calamin. ..	s. d.	2 9	4 2	1 3	0 5	0 1	—
Ung. picis carb. co. ..	s. d.	2 2	3 3	1 0	0 4	—	—
Zingib. rhiz. Afric. ..	s. d.	1 6	2 3	0 9	0 3	—	—
Zingib. rhiz. Af. pulv.	s. d.	1 11	3 0	0 11	0 4	—	—
Zingib. rhiz. Af. pulv. (crs.) ..	s. d.	1 9	2 8	0 9	0 3	—	—

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated:

R/412. Cordialis	M/212. Peterson's roach powder
H/412. Cousin's Perfect hair wavers	K/112. Progelisin
H/2311. Curacæa	E/212. Specktalean
M/511. H.E.D.A. patent bottle stopper	E/2311. "Torrid Zone" hot-water bottles
A/212. Lacto-dextrine	S/112. Urohexoid tablets
H/412. Miracle hot bottle	E/2511. Velenty
B/112. Oldosan (London supply)	T/211. Vocalese perfume
S/112. Perseldis	K/2411. Wesciform fumigators

INFORMATION SUPPLIED

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C.4.

"Atlas" sprays. E/3011	Ovoferin. P/212
Beiersdorf's plasters. B/212	Scarlet red (Biebrich). J/112
Collapsible tube machinery. L/212	Peroxigen tooth-paste. A/312
Nerissa powder-puff. S/312	Stipendium stoppers. W/2911
	Valeda yeast. C/212

Observations and Reflections

By Xrayser II.

The Discussion

in your correspondence columns of the questions of window shows and "free sample" advertising reveals a state of things, or at least of mind, in the "pharmaceutical profession" which, repeating a word I used in the same connection a week or two since, I can only describe as "deplorable." Your correspondents, I rejoice to see, are not all of one mind: a faithful few still uphold "the banner with the strange device, Excelsior"; but even they occasionally lower it, by such admissions as "I'm blessed if I could," and it is evident that the cause of pharmacy as in itself a desirable calling is in a bad way. The unregistered persons who delight to call their places of business pharmacies benefit by the submerging the professional side of our business. That any body of traders who are not pharmacists can legally style their businesses pharmacies is an abnormality which is bound to confuse in the public mind the distinction between them and us. Between their windows and ours the difference is often *nil*, and between our general spirit and behaviour and theirs it is not always discernible. Our windows undoubtedly react upon ourselves, whether they attract the public or not; our character throughout is certain to be affected by the attitude we habitually assume, and the verbal confusion of "pharmacist" with "pharmacy" (which we all deprecate) is almost justified by the similarity of our outward appearance.

The Article on Barberry Bark

in last week's instalment of your Compendium is of extraordinary interest. In it you refer to lycium, used in the East for conjunctivitis and known in India as "Rusot," as a product of a species of berberis. I gather from the notes to Mr. R. Campbell Thompson's "Assyrian Herbal" (an instalment of which you noticed in your special summer issue this year) that it occurs on the Assyrian cuneiform plant-lists, to the decipherment of which he has devoted so many years of study, as U. Gir, which he explains as "Thorn, especially Lycium." If this is so, the plant has an immense antiquity as a drug. Dioscorides prescribes it for the eyes, ears, ulcerated gums, pruritus, menses, blood-spitting; the Arabs used it for children's eyes and in fumigations against venomous beasts. The extract from the root was, I understand, most esteemed in olden times, but Mr. Thompson says that in India to-day "a watery extract from the wood or root of several species of Berberis is used for eyes and as a febrifuge." Lycium was evidently in great use in the Middle Ages: the Alphita glossary devotes one article to the extracts got from it, and another to the tree from which they were obtained, the description of which tallies with that of the thorny box of our herbalists. U. Gir was used for many purposes, among others, noticeably, for fumigations, but the name may refer to several drugs besides lycium.

The Direct Money Value

of National Insurance dispensing in an industrial district may be estimated approximately from the report of the St. Helen's Borough Insurance Committee (*C. & D.*, November 22, p. 746). I reckon that each of the chemists in the town would, if the prescriptions were equally distributed during the year through the area covered by the report, dispense between 20 to 21 per diem, without reckoning Sundays. This should not take more than three or four hours a day. The pay received for the work would be a fraction of a penny short of 22s. 5d. per diem, of which about 11s. would consist of fees. How does the net profit on this work compare with that on the rest of our business?

France

was uncharacteristically behindhand with her newspapers if the one mentioned by your Paris correspondent as first appearing in 1630 was the earliest of them. Sampson, in his "History of Advertising," speaks of

the "Journal Général d'Affiches," first published in 1612, as a newspaper, and says the "Petites Affiches," which he calls the "journal of the domestic wants of France," traces its descent from this. However this may be, what the "Book of Days" calls newspapers appeared in Germany from 1528, or possibly earlier. They appear to have been sometimes only single sheets containing but one item of news, but Sampson refers to one of a more general character published in 1591, from which he culls what he regards as an undoubted advertisement. It is clear from Ben Jonson's "Staple of News," which was first acted in 1626, if not earlier, that "Coranti" and "Gazetti" were well known then. It contains, too, an allusion to "Mercurius Britannicus," which looks like a name for a newspaper. Butter's "Weekly News" appeared in 1862, and contained advertisements. It seems to have been suggested by the Venetian gazettes, which are said to date from 1524. Some early newspapers circulated in MS. In "The Staple of News," when Pennyboy, junior, wants to print the news, Cymbal objects, "for when news is printed it leaves, sir, to be news"; to which Pennyboy, junior, very pertinently replies, "unto some The very printing of 'em makes them news; They have not the heart to believe anything But what they see in print." There were newspapers in Holland, in black letter, as early as 1626 at least, and they contained advertisements of such commodities as sugar, pepper, tobacco and logwood.

I Differ from

a recent writer in the *C. & D.* (and that radically) as to the intellectual value of wireless broadcasting; and I was confirmed in my opinion of the very low position it occupies in comparison with either reading or some of the more intellectual games it will to a great extent supersede—such, for instance, as chess or whist (not whist drives)—by an article on the subject that appeared in the "Glasgow Herald" (if my memory serves) a few weeks since. I will not say with the writer that what with this new "craze," and what with "the pictures" we are threatened with a widespread intellectual atrophy; but it is morally certain that what is received passively either by the eye or the ear—doped into us, in fact, without any active volition of our own—will not have the same or even a comparable effect with that which has been acquired by effort. Here is an instance in proof: a friend asked me recently for the loan of a book that requires a little application to get at its meaning. When I inquired a few days afterwards what he thought of it, he said, "Oh, I haven't tackled it yet; the fact is that I am so tired of an evening that I have not energy enough for anything that requires attention. I just get my wireless set and listen-in; I can manage that, and it soothes me." My friend, it is fair to say, is a good deal of an invalid, and wireless broadcasting is to him a boon; but if its effect is such (and I have found it so myself) it can hardly be much of an intellectual stimulant. Certainly such disjected scraps of information, interspersed with equally unrelated bits of music or oratory, as have made up the programme on the occasions on which I have listened-in are not to be compared, for intellectual value, with "an article in a paper or a book," that we can think over as we read and return to when it is necessary. As for the "spoken word," we can hardly be said to get the distinctive value of that in wireless, and if we did the case would not be very different.

Dr. Otto Raubenheimer's Suggestion

of the origin of "mispickel" will, I am afraid, not do. We have to account for the older forms of the word, "mispütl" and "mispilt."

"Why 'Bachelor of Pharmacy'?"

asks a young lady. I suggested the analogy of "Bachelor of Science," etc. "Yes," she said, "but why do they all stop at Bachelor? Is it because science is not enough to marry on?" I could not tell her.

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AROMATICS & SYNTHETICS

Essential Oils

AND

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Manufacturers and Distillers:

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You will probably be asked for PRESCRIPTION GLAXO

This is modified Milk in dried form, prepared in accordance with the prescription of an eminent Children's Specialist. That is why, after successful Hospital use, it is now available to the general public under the trade name of "Prescription Glaxo."

When reconstituted with hot boiled water (temperature 160° F.) so that one part of the dry food yields eight parts of liquid, Prescription Glaxo gives a product identical in composition with average breast milk.

Prescription Glaxo is being actively introduced to the Medical and Nursing Professions, and Chemists can obtain supplies through Messrs. Sangers or their usual wholesalers.

Retail Price	Trade Price
4/6 Prescription Glaxo	43/2 net (per doz.)
1/6 " "	14/5 " "

GLAXO (Sales Dept.), 56 Osnauburgh Street, London, N.W.1

DE WITT'S NEW OFFER.

From time to time De Witt's have made remarkable offers to Chemists, but their latest is deserving of special comment.

Briefly, it is a co-operative selling scheme which provides free publicity for chemists' own proprietaries.

Those chemists who have a special line they wish to push should get in touch with De Witt's Representative, or write direct to the Sales Manager, E. C. De Witt & Co., Ltd., East Croydon, for details.



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A VITMAR window show gives you a personal pull on our advertising, and increases your sales. Take advantage of our special terms, which show you a handsome profit.

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Editorial Articles

The Trend of Speciality Legislation

SINCE the Armistice the question of regulating the traffic in pharmaceutical specialities, a perennial subject of discussion and contention, has been ventilated in almost every country with renewed vigour, resulting in the promulgation by several governments of legislative measures designed to remove most, if not all, of the objections raised against this class of medicinal agents. Spain, in 1918, was the first country to introduce an elaborate system of control, the principal postulates being that the actual manufacturer must be a qualified pharmacist, even in the case of foreign specialities, and that the preparation shall receive official approval prior to its registration. Further, declaration of the composition on the label is required. This system has since been adopted, with variations, by Austria, Argentine, Poland, Esthonia, Latvia, Jugo-Slavia, and Greece. Belgium,

since 1920, requires the integral disclosure of all the ingredients on the label, while France, on the other hand, in 1923, departed from its policy of rigidly excluding all foreign compound medicines, in favour of admission on the basis of reciprocity with other countries. In Italy a government commission, appointed two years ago, is still investigating the whole question of the traffic in specialities, without having, so far, been able to formulate a plan. Those who attended the Congress of the International Pharmaceutical Federation in London, in 1923, will remember with what vehemence this question was ventilated by our Continental *confrères*, and the exhaustive *questionnaire* recently sent out by the Federation (*C. & D.*, April 5, p. 494) testifies to the importance which is attached to a solution of this problem. From being a more or less ethical question, the sale of proprietary preparations has now become a highly important economic factor, due to the adverse effect which their growing popularity exerts on the most lucrative branch of the pharmacist's business—prescription work. The decidedly hostile attitude adopted by the profession to this category of goods is based principally on the following considerations: In the first place, one synthetic drug after another is launched, some of which have only an ephemeral existence; many a compound is prescribed once only, and the remainder of the contents of the bottle go to swell the collection of new remedies, which, although representative of therapeutic progress, to the pharmacist is a constant reminder of money tied up in stock. Hence the insistent demand for some kind of central control, to restrict the introduction of new synthetics by first submitting them to exhaustive, officially conducted tests. In the second place, the complaint is made that manufacturers are actually undermining the very foundations of pharmacy by placing on the market as proprietary preparations products which are essentially compound medicines of known composition, and by inducing doctors to prescribe these, instead of writing out a prescription, lower the pharmacist to the status of a mere distributor. Not content with this, they encroach still further on the legitimate domain of the pharmacist by issuing even pharmacopœial drugs in proprietary form. The two last facts form the chief grievances, and it cannot be denied that of recent years the prescribing of proprietary preparations is on the increase; in some Continental countries the sale of this class of remedial agents has grown to such proportions as to constitute as much as one-half of the total turnover. Small wonder, therefore, that apart from the question of wounded professional dignity, the pharmacist should view with growing apprehension the shrinkage in the profit otherwise derived from prescription work, which is practically the backbone of every Continental business. Since the decline in revenue from this department is not compensated by increased returns on other sales, his scope for the display of business ability being strictly circumscribed by legal limitations, our Continental *confrère* in his resentment comes to look upon the manufacturer of all proprietary medicines indiscriminately as the author of his misfortune, as a natural enemy of the profession who must be put in his proper place. However, long experience has taught him that individually and corporatively—partial successes in some countries cannot be registered as decisive victories—he cannot dictate the terms on which he is willing to co-operate with the manufacturer, hence the cry for legislative action. It is generally acknowledged, by some perhaps grudgingly, that the time is long past when the pharmacist could himself prepare all the therapeutic agents he is called upon to supply, and it is conceded that the introduction

of many of our most valuable remedies is due to the investigations carried out, often at considerable expense, in the laboratories attached to manufacturing houses, many of which had their origin in a pharmacy. The same applies equally to the many improvements effected in the preparation, form of administration, etc., of official remedies, thereby enhancing their therapeutic activity. It is surely only equitable that these results, when they constitute definite advances in the art of healing, should be turned to account commercially, and it is regrettable that there should be a tendency in certain quarters to regard the manufacturer of medicinal products as an exploiter of the sick, when actually he may have materially contributed towards arming the physician with the weapon wherewith to combat the ailment. Does not the successful surgeon command high fees for his skill? In the meantime, while the International Pharmaceutical Federation is endeavouring to bring about a uniform solution of the problem, the pharmaceutical profession in several countries is engaged in formulating its own wishes, as a basis for fresh legislation. In Belgium, France and Switzerland the professional organisations are chiefly interested in securing what is termed an adequate return on the sale of proprietary preparations on a uniform basis. In Norway a law of 1898 prohibits the sale of remedies of which the composition is unknown, these secret remedies being designated as "arkana." Recently the Norwegian Association of Pharmacists appointed a committee to draft proposals for regulating the trade in pharmaceutical specialities. The proposals have been formulated in eleven articles; in the first article a pharmaceutical speciality is defined as a remedy issued in a distinctive package intended for individual use, to the exclusion of official preparations, and preparations the composition of which does not differ essentially from that of similar compounds included in the pharmacopœia. In case of doubt the final decision rests with the Medical Department. No pharmaceutical speciality may be placed on the Norwegian market without the approval of the Medical Department, to obtain which an application for registration must be made by the manufacturer, or, in the case of preparations of foreign origin, by the importer. The application must be accompanied by two packages of the preparation and a complete disclosure of the composition, together with particulars regarding the cost of production and the wholesale price; if the preparation is trade-marked this fact must be mentioned in the application. If manufacturing secrets are disclosed in the application, these will be treated as confidential. The preparation will then be submitted to examination in the Government pharmaceutical laboratory, and if approved by the Medical Department will be entered in a special register. Every speciality must be provided with a label bearing the name of the preparation, a declaration of the ingredients, name of the manufacturer and registration number. Should it contain a potent drug the amount present must also be stated. In addition, brief directions for use, approved by the Medical Department, must also be given. If an application for registration is rejected, the Medical Department must communicate the reason for its decision to the applicant. The Medical Department is to be empowered to purchase specialities for the purpose of controlling their composition, and the applicant will be required not only to refund this outlay, but also to bear the costs of the analyses. No alteration in the composition, or in the retail price, of a registered speciality may be made without the approval of the Medical Department. It is interesting to note that the Norwegian pharmacists of

their own volition have decided in favour of the system of registration based on state control of all proprietary medicinal preparations. At the recent third congress of Northern pharmacists the Norwegian proposals enjoyed the whole-hearted support of the representatives of Denmark, Sweden, and Finland, and in the discussion stress was laid on the necessity of introducing an effective control designed to restrict the number of new preparations which are being placed on the market in ever-growing numbers. In Holland, where the Government is contemplating the introduction of special legislation to regulate the traffic in proprietary medicines, Dr. J. J. Hofman, the indefatigable general secretary of the International Pharmaceutical Federation, in a paper presented to the Health Congress at Hertogenbosch, submits the whole subject to a critical review, and outlines the basis for legislation. In the first place, he demands that the manufacturer of proprietary medicines should be subject to the same supervision as is exerted over pharmacies. Dr. Hofman is also a partisan of the system of compulsory registration, based on the results of an investigation of each preparation of this class by a central institution. With regard to the very controversial question of the disclosure of the composition, he expresses the opinion that a statement of the composition is necessary to ensure the confidence of the physician in the preparation, but the disclosure of the mode of preparation, or of the amounts of the flavouring agents present, is of little practical importance provided the chief constituents are stated. Dealing with the sale of proprietary medicines, Dr. Hofman divides these into three categories: (1) Preparations which may only be supplied on a prescription; (2) preparations the sale of which should be confined to pharmacies; (3) preparations which may be sold by registered dealers. It will be seen that Dr. Hofman by no means claims for pharmacists the exclusive right to sell remedial agents, as is actually the case in so many Continental countries, but would permit the supply to the public of harmless preparations by non-pharmacists, with the provision that such dealers should be registered, in order to ensure proper supervision. Foreign pharmaceutical specialities, he contends, should comply with the requirements stipulated for Dutch products, the legal responsibilities being borne by the importer. He does not refer to advertisements destined solely for members of the medical and other professions, but he suggests that all advertisements, including directions for use, of proprietary medicines intended to reach the general public should, as a precautionary measure, be submitted to the registration authorities for approval. The Norwegian and the Dutch proposals for regulating the traffic in proprietary medicines are interesting, inasmuch as they represent the considered opinion of the majority of the profession in each of the two countries. Both have many points in common, but the outstanding feature is the coincidence of the demand for registration by a central authority. Since the Continental pharmacist is held personally responsible for all remedies sold by him, it follows that the introduction of a system of registration relieves him of this responsibility as far as the sale of proprietary medicines is concerned, and there are many members of the profession, the stalwarts of the battle-cry of "pharmacy for the pharmacist," who regard registration as incompatible with their professional duties and dignity.

Trade in Oilseeds

SINCE the position of the trade in oilseeds was outlined in our issue of September 20 last (p. 426) activity has been generally well sustained. The official returns of imports covering the first ten months of this year were certainly very satisfactory, notwithstanding the fact that markets within the last month or two have developed more stringent conditions. We particularly refer to linseed, the outlook for which has become unusually tight, due to the deterioration in crop prospects in the River Plate and the largely improved absorbing capacity of the European crushing industry. The whole of the United Kingdom imports of oilseeds, oil nuts, and kernels for October represented the very satisfactory total of 143,962 tons, or an increase of over 40,000 tons com-

pared with the same month last year; the main part of this excess was credited to linseed and cottonseed, although there was a slight set-back in the case of nuts and kernels. The grand total of all raw materials in the oilseeds industry imported this year to the end of October amounted to close on one and a-half million tons, or well over 150,000 tons more than in the corresponding period of 1923. There seems to be still plenty of room for an extension in the current supply of either linseed or cottonseed, judging from the gradual growth of trade activity and the prospect of an increased outlet for the by-products in the export markets. We give below the main particulars of imports for the period mentioned.

Tons	October	Jan.-Oct., 1924	Jan.-Oct. 1923
Linseed	39,495	379,135	333,677
Cottonseed	54,616	417,519	421,820
Rapeseed	2,510	67,587	50,754
Soya beans	12,011	96,779	111,562
Nuts and kernels (for ex- pressing oil)	30,999	418,157	385,088
Total	139,631	1,379,177	1,302,901
Exports:—Linseed oil ..	1,810	27,144	34,464
Soya bean oil	996	10,846	5,852

It will be seen that the arrivals of linseed for October were comparatively heavy, crushers having evidently deemed it wise to make good provision for their needs towards the end of the year, due to the exceptionally strong outlook in seed. As much larger quantities of linseed went to the Continent this year, it is obvious that the buying competition from that quarter helped the recent sharp rise to a level of prices which undoubtedly tended to render it the more difficult for crushers to secure anything like a normal working margin, in spite of the inevitable dearth of the oil. The London spot price of the latter recently commanded up to about £47 10s. per ton, from which there has been some reaction, of probably short-lived duration. It was very fortunate that American importations of seed this year experienced a material setback from the huge quantities taken last year, as otherwise the filling of European needs would have been much more difficult. The reduced American takings of course are chiefly explained by the distinctly more plentiful crops harvested in North America, which showed an increase of fully 150 per cent. compared with the average for the five preceding years. It is to be feared, all the same, that the great disappointment incidental to the new Argentine crop, the forecast of which points to a deficit of well over ten per cent. against the previous season, will continue to dominate the world's markets for another year or so, although it may be reasonably expected that at current very high prices there will be plenty of inducement for an enlargement of the sowings everywhere in the forthcoming year. The United Kingdom received this year from the River Plate 262,048 tons, or 110,000 tons more than last year for the ten months, but this was less than had been anticipated; on the other hand, imports from India disclosed a deficit of 65,000 tons. In regard to cottonseed, contributions from Egypt were only 173,700 tons, or 64,000 tons under last year, but this reduction was nearly offset by the increased supplies derived from India, and more especially from "other countries." The latter contributed no less than 88,500 tons, or more than double the amount accounted for in 1923, which seed apparently largely came from Brazil, and is of good quality. It is well known that Indian cottonseed is hardly suitable for the making of edible oil, so that the cost of the latter will probably continue to command an abnormally high premium. There has been a fair addition made to the quantities of rapeseed imported this year, and Europe is at present almost entirely dependent on India to cover her requirements, while there is as yet no sign of Russia re-entering this trade. A striking feature elsewhere has been the excellent rate at which the various descriptions of oil nuts and kernels have been coming to this country again this year.

North Ireland Pharmacy Bill

Registered Druggists' Meeting

A MEETING of registered druggists not on the register for the full period of five years was held in the Chemists' and Druggists' Rooms, Belfast, on November 26, to consider their position under the proposed Pharmacy Act. The following were present:—Messrs. D. M. Honeyman, W. J. McKee, James Cotton, W. J. Farmer, Alexander Dundee, George Millar, W. J. Stevenson, Robert Tweed, J. Stewart, W. J. Black, D. W. J. McCann, A. Ritchie, W. H. Campbell, F. B. Donaghy, W. Gilmore, W. Clements, and J. Hutchinson. Mr. Cotton pointed out that under the proposed new legislation a registered druggist who was less than five years on the register was placed in precisely the same position as an ordinary apprentice without any qualification whatever; this was certainly a reason for citing a grievance, seeing that as qualified men, and registered as such, they should receive some consideration and be given the modified examination in return for the proposed discontinuance of the status of registered druggists. Mr. Honeyman said that under the new Act all registered druggists who were not on the register for a period of five years would be debarred from a modified examination, and were required to take the full syllabus of the final examination; this he considered most unreasonable and void of any consideration of the status already held by registered druggists, and called for a united front to request such consideration as was adequate to meet the need of the members concerned. Mr. Cotton proposed the following resolution:—

"That this meeting urge that all registered druggists whose names are on the register at the time of the passing of the Act should be brought in under Part 2 of the second schedule of the Act and allowed registration on passing the examination for the prescribed modified schedule, and that we ask our Law Committee to bring the matter under the notice of the Home Office, also any ex-Service men's claims to compensate for the time they were engaged on war service."

Mr. Honeyman seconded the resolution, which was passed unanimously.

A Representative Gathering

Mr. Fred Storey, President of the Chemists' and Druggists' Society of Ireland, occupied the chair at a largely attended meeting of the chemists and druggists and registered druggists of Northern Ireland on November 26 in the rooms of the Society, 11 Waring Street, Belfast, for the purpose of considering the Poisons and Pharmacy Bill now before the Northern Parliament. The meeting was called by the Society, and the attendance was very representative of the trade of the Six Counties.

The Chairman, in opening the proceedings, said that at the general meeting of the trade in October 1923, he and the Law Committee of the Chemists' and Druggists' Society were given full power to take whatever action they thought necessary in connection with the Bill. They were now met to render an account of their stewardship, and hear the views of the trade on the Bill. The Government had made a wonderful attempt to solve an almost insoluble question. The framers of the Bill were deserving of credit for the way in which they had handled the Bill and drafted it. It was not an easy task to co-ordinate three Bills into one and to introduce entirely new ideas. He would like them to discuss the Bill from the broad point of view, and not from the personal point of view. He had always endeavoured to do so in any negotiations he had had with the Government—and he might say that between committee meetings and interviews at the Home Office he had attended over fifty meetings. One important feature of the Bill was that the Government intended to abolish the R.D. examination, and in doing that they had tried to give a reasonable chance to those R.D.'s who wished to become pharmaceutical chemists. At the last meeting of the trade he gave the result of the negotiations with the pharmaceutical chemists on that subject, and pointed

out where they had failed to come to agreement. On some points both bodies then went to the Government with their proposals, and he must say that the Government had given great consideration to anything which the druggists brought forward, and had treated them very fairly. Although he gave them credit for that, there was a great deal in the Bill with which they did not agree. The new Council had been given tremendous power—more power than any pharmaceutical council had before. Mr. Storey dealt exhaustively with the various schedules of the examinations to give druggists of the various years' standing the chance of becoming pharmaceutical chemists. Any concessions they had had been got through the Home Office, and not through the good wishes of the pharmaceutical section, although a great number of pharmacists were anxious the druggists should get reasonable terms. Reviewing the various clauses, Mr. Storey drew attention to the fact that the Home Office would in future be responsible for prosecutions and would bear the cost. The old law by which registered persons could only be removed from the register for breaches of the Pharmacy Acts had been altered. Apprentices of limited companies would be recognised, provided they complied with the regulations laid down. The widows' clause had been retained, which was very beneficial. He was very much dissatisfied with the representation on the Council given to the druggists. There were 329 chemists and druggists and R.D.'s in the Six Counties against 270 pharmaceutical chemists, but the former had only been given less than one-third of the representation. That was hardly fair, and they had made representations to the Home Office on the subject. As to the *personnel* of the druggists' representation, the Law Committee had sent in twelve names, out of which the Home Office could make a selection in the Bill.

DISCUSSION

Mr. J. Cotton brought forward the case of the druggists in business under five years. Mr. D. M. Honeyman supported the views of Mr. Cotton. Mr. Farmer said he spent four and a half years in France, and had not been registered till he came back, with the result that he was now under Part I, which was unfair. The Chairman said he did not know there were such cases coming under the category mentioned. He would do all he could on behalf of the ex-Service men affected. Mr. O'Neill thought the under-five-year men were entitled to what Mr. Cotton asked. If it were granted, the case of Mr. Farmer and other ex-Service men would be covered. After discussion, it was agreed to support the claims put forward.

The Chairman said they would take next the question of the druggists' representation on the Council. Mr. S. Gibson, J.P., spoke in favour of equality with the pharmaceutical chemists. There should be nine of each. Mr. Carse suggested that the Society press for nine members at least for the first year, until the regulations were framed. Mr. Marshall said the representation should be in proportion to the members of the two grades, and this was supported by Mr. O'Neill. In reply to Mr. Rankin, the Chairman said the suggestion that druggists should only have power to vote for druggists and pharmacists for pharmacists had not been carried out in the Bill. They would have strongly opposed any such idea. Mr. Carse eventually moved a resolution that the druggists should have proportional representation on the Council, and this was passed. Mr. Abernethy asked whether grocers who sold patent medicines would have to pay the licence. The Chairman said that if they did that it would give the grocer a status, and he might stock far more than at present. He would like to see those who sold agricultural poisons brought in, but the subject was very difficult. Those people had that power under the 1908 Act. He had urged the Government to bring that Act in along with the others. A discussion took place on the clauses dealing with exemption to the Preliminary examination under the second schedule, and it was considered the clause was too vague, and that further information should be obtained on this. Mr. S. Gibson, J.P., asked if anything had been done with

regard to apothecaries' assistants. The Chairman said up to the present they had not been considered. The apothecary was included. A number of further important points on various aspects of the Bill were considered, and left in the hands of the Law Committee.

VOTE OF THANKS

On the motion of Mr. Rankin, seconded by Mr. J. Macauley, and supported by Mr. O'Neill and Mr. W. E. Wilson, a hearty vote of thanks to Mr. Storey and Mr. Suffern for the great trouble they had taken in the negotiations was passed unanimously. Mr. Storey, replying, said that they had been faced with great difficulty and it was a great pity that their pharmacist friends did not see the wisdom of joining with them until the eleventh hour. They all knew his attitude towards combined action. He had urged it from the very first, and now that the Bill was framed he had no doubt that it could be made a good one for all interested. The Government wanted agreed suggestions from the trade. The Chairman added that they had been greatly helped in the matter of publicity by the trade Press. Their official journal, *THE CHEMIST AND DRUGGIST*, was most valuable to them. They were acquainted with it from their infancy in the trade, and looked forward to it every Saturday. Personally, he had often benefited by its market reports, and he thought that the trade journals were almost as important to the chemist as the mortar and pestle.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Monday, December 8

Royal Society of Arts, John Street, Adelphi, London, W.C., at 8 p.m. Cantor Lecture III. "Modern Colour Problems," by Louis C. Martin.

Tuesday, December 9

Ealing Pharmacists' Association, Town Hall, at 8.30 p.m. Mr. A. R. Melhuish on "R.P.U. General Insurance."

Glasgow Pharmacy Club (Rambling Section).—Visit to Bryant & May's Match Works. Meet at Maryhill Road and Ruc-hill Street at 3 p.m.

Pharmaceutical Society of Great Britain.—BRANCH MEETINGS. Bath, Pump Room, at 8.15 p.m. Mr. Cecil Owen, B.Sc., on "What is Psycho-Analysis?" Bradford. Mr. T. G. Askew on "Caravanning in Craven." North Metropolitan, North Library, Manor Gardens, N.7. Meeting. Oldham, Café Monico, Union Street, at 3 p.m. Mr. Franklin (J. Woolley, Sons & Co., Manchester) on "The B.P. Codex."

Retail Pharmacists' Union (Eastbourne Branch), Chamber of Commerce Rooms at 8 p.m. Mr. Herbert J. Martin on "Insurance."

Wednesday, December 10

Edinburgh Chemists', Assistants', and Apprentices' Association, Windsor House. Whist drive and dance.

Guild of Public Pharmacists, Lecture Theatre, Bloomsbury Square, London, W.C., at 7.30 p.m. Mr. F. G. Hobart on "Chemistry in a Gas-mask"; Mr. F. E. Bullen on "Some Antiquities of Medicine"; Mr. R. E. Norrish on "Careers for Public Pharmacists."

Pharmaceutical Society of Great Britain (Manchester and Salford Branch, Junior Section), Metro Café, St. Peter's Square, Manchester, at 8.30 p.m. Meeting.

Sheffield Pharmaceutical and Chemical Society, Church House, at 8.30 p.m. Mr. F. Simon, Ph.C., on "The Manufacturing Side of Pharmacy," illustrated by lantern slides.

Thursday, December 11

Salford Pharmaceutical Association, 40 The Crescent, at 8.30 p.m. Mr. A. W. Duncan, F.C.S., on "Water Analysis and Practical Urine Testing."

Friday, December 12

British Chemical and Dyestuffs Traders' Association, Ltd., Accountants' Hall, Spring Gardens, Manchester, at 3.30 p.m. Meeting of chemical and dyestuffs merchants. Address by the Secretary (Mr. O. F. C. Bromfield) on "The Safeguarding of Industries Act, Dyestuffs Acts, etc."

Manchester Pharmaceutical Association, Council Chamber, Houldsworth Hall, Deansgate. Dr. C. H. Melland, F.R.C.P., on "Drugs of Power."

Photographic Notes

By a Pharmaceutical Camerist

CHRISTMAS BUSINESS

Many amateur photographers would appreciate one of the Royal Photographic Society's diaries as a Christmas gift, and I intend making a good display of these now, so as to catch the eye of the gift-giver. Though not intended for the bookshelf or the desk, the literary pages of the diary (3 in. by 4 in.) contain a wealth of information regarding photographic processes and plates and their speeds, while the notes on customs formalities will be welcomed by those who take their holidays abroad. In the calendar portion, a page is allotted to each week and is followed by several pages for memoranda, addresses and particulars regarding exposures. The pocket inside the front cover contains an exposure meter. The diary, complete with pencil, retails at 2s., the sole distributors to the photographic trade being Houghtons, Ltd., High Holborn, London, W.C.

BRITISH JOURNAL PHOTOGRAPHIC ALMANAC

The issue for 1925 of this annual reached us before November had ended, thus establishing a publishing record. The Almanac is published by Henry Greenwood & Co., Ltd., 24 Wellington Street, Strand, London, at 2s. (paper) and 3s. (cloth bound). The 816 pages are full of information useful to photographic chemists, who can thus from experience recommend the work to their customers. The frontispiece is a photogravure of a scene in Gough's cave at Cheddar, which was this year visited by the British Pharmaceutical Conference. The chief articles are one on lenses and another on the small camera, but the Epitome of Progress, the largest section in the book, is probably the one which will interest the greatest number. It is classified under headings, and gives in condensed form information regarding the advances and new articles introduced in photography since the last issue of the annual. The formula section is also a valuable feature of the work, and the advertisements are not the least interesting of the contents.

SHOP-WINDOW PHOTOGRAPHY

Many windows present an attractive appearance after dark, when flooded with artificial light, but in daylight they mainly reflect the outside world. To photograph a window of this description, F. Coleman ("British Journal of Photography," November 7, p. 671) recommends that it should be dealt with after dark, when well illuminated from within. Any lamps outside should be extinguished during exposure. Probably a good quality R.R. lens, fitted with a deep hood, is more satisfactory than the average wide aperture anastigmat, but it should be carefully tested for flare and ghost. Exposure is a variable factor. With a plate of about 300 H. & D., and a lens working at $f/8$, an average well-lit shop-window should require from one to three minutes. Where pedestrians cannot be prevented from coming between the camera and the window being photographed, it is necessary to stop down considerably, or take other steps, to make an exposure of from fifteen to twenty minutes necessary. The operator should be on the look-out for any figure likely to remain still long enough to do harm, and should cover the lens until the view is clear again. A useful method is to hold a piece of blackened card close to the hood. The water-bath method is to be preferred for development. The plates are immersed in normal developer until the first appearance of image; then, after rinsing, are placed in plain water and left undisturbed. At normal temperatures detail will have appeared in all parts of the negatives in from twenty to thirty minutes, and a brief return to developer will secure adequate density. Photographs taken at night by these methods do not, as a rule, contain any record of the shop facia, and as in most cases this is a necessary part of the photograph, special arrangements must be made to secure it. The easiest plan to adopt is to make a preliminary flashlight exposure on the same plate.

Festivities

A Dinner in the Potteries

THE North Staffordshire branch of the Pharmaceutical Society held their annual dinner at Stoke-on-Trent on November 27, Mr. W. H. Kemp, the chairman, presiding. Mr. E. M. Mellor (Uttoxeter) proposed the toast of "The Pharmaceutical Society," which was replied to by Mr. L. Moreton Parry, member of the Council of the Society, who referred to the inadequate payments to chemists for dispensing under the Insurance Act and to the savage penalties inflicted under the Dangerous Drugs Acts. The President, proposing "The Visitors," said that gathering was unique, because they had two pharmacists with them as Mayors, from Crewe and Stafford. There were high standards before them to maintain, and such men as Mr.

Ladies," and Mrs. J. A. Dale responded. An excellent entertainment was provided by Mr. C. L. Forrester, Mr. W. R. Dunn, Mr. Granville Shaw, and Mr. L. Forrester.

North Londoners' Whist Drive

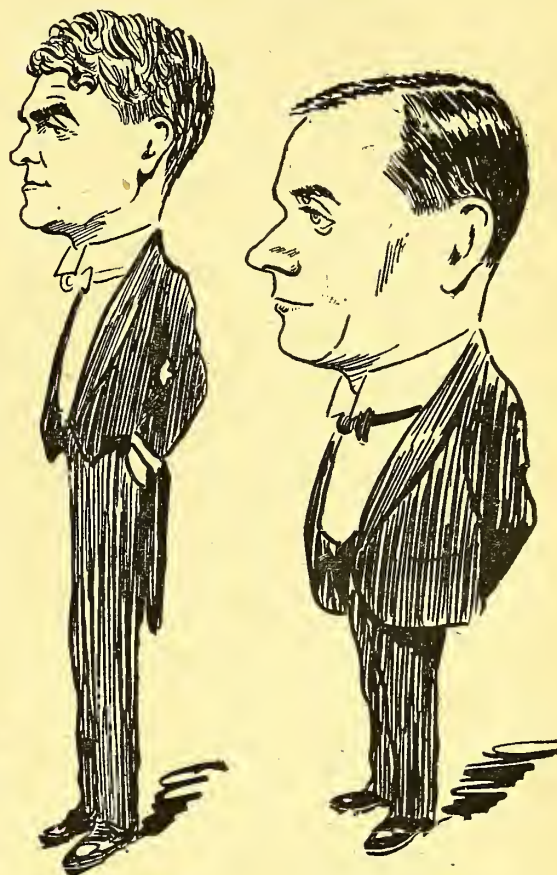
THE North London Pharmaceutical Association held a whist drive on November 27 at Beales Restaurant, Holloway Road. There was a good attendance, fairly representative of the association. Twenty-two hands were played, and the prizes went to Mrs. G. L. Jones, Mrs. Downing, Mrs. Gibson, Mrs. Bell, Miss Grant, Mr. G. G. Gibson, Mr. F. Cooper, Mr. A. Thorpe, Mr. C. Hetherington, and Mr. Hardwicke. Refreshments were served at the interval. A novelty was introduced in the form of a guessing competition on the results, which added to the interest of the evening.



MR. A. E. MARSH
Leicester

MR. E. M. MELLOR
Uttoxeter

Sketches by Mr. Granville Shaw at the North Staffordshire dinner



MR. W. E. CROPPER

MR. W. H. KEMP

John Averill, Stafford, whom they all remembered, would be hard to improve upon. The toast was acknowledged by Mr. J. Cumming, Mayor of Crewe; Mr. H. Eymer, Mayor of Stafford, and Alderman P. Elliott. The last-named expressed a hope that the day would come when Stoke-on-Trent would have a University college, so that they could take students all through their training. Mr. J. A. Dale submitted "The Press" and Mr. A. E. Marsh (Leicester) "The Local Branch." The latter was responded to by Mr. W. E. Cropper, who suggested that the area covered by the Branch was somewhat too cumbersome, and it would be a good plan to subdivide it and have headquarters at both Stoke and Crewe. The Branch, he said, had made strenuous efforts to support the director of education for Stoke-on-Trent in getting the Wedgwood Institute recognised for Part II of the pharmaceutical students' training, but they were unsuccessful. They hoped that in time Stoke-on-Trent would be recognised as a training centre for the whole examination. Mr. W. R. Dunn (Wolverhampton) felicitously proposed "The

Ealing Chemists' Whist Drive

THE Ealing Pharmacists' Association held their first whist drive of the session on November 27, in aid of the Orphan Fund of the Pharmaceutical Society. There was an excellent attendance, and there will be a substantial cheque for the Fund. Mrs. H. R. Storm presented the prizes, and a vote of thanks was accorded Mr. Arnold Roberts, the social secretary.

Wright, Layman's Staff Dance

THE staff of Wright, Layman & Umney, Ltd., with their friends, held an enjoyable social and dance at the Lavington Street Baths, London, S.E., on November 29, at which nearly 300 guests were present. A lengthy programme of dances was intermixed with musical items from the following:—Miss Hilda Goddard, Miss E. Howard, Miss Emily Gilpin, Mr. Stanley Hill, and Mr. Luck. Mr. Charles Downer was responsible for the successful arrangements.

Social Evening at Blackpool

THE Blackpool Branch of the Pharmaceutical Society held a social evening on November 26 at the Palatine Hotel, Blackpool, when the entertainment consisted of a whist drive, dinner and dance. The guests were received by the President, Mr. Hogley, and Mrs. Hogley, and an enjoyable time was spent up to 1 a.m., when the company dispersed.

Southampton Chemists' Social

THE first whist drive and dance of the Southampton Chemists' Social and Athletic Club was held at the Picture House on November 26. A company of 116 assembled and sat down to whist under the direction of Mr. Ferryman. At the conclusion of the games the prizes were distributed by the President of the club, Mr. Atkinson, to the following prize-winners:—*Ladies*: Mrs. Atkinson, Miss Gibb, Miss Rogers. *Gentlemen*: Mr. Hutt, Mr. Pickup, Mr. Pearson. After an excellent supper, the floor was cleared for dancing, and at 1.30 motor-coaches conveyed the members to their respective homes. Mr. Altenheim proved a very capable M.C.

A Social Event in Sheffield

THE annual "joy night" of the Sheffield and District Branch of the Pharmaceutical Society was held on November 27, at the Imperial Rooms, Sheffield, where the President (Mr. J. P. Norwood) and Mrs. Norwood received 200 guests. The winners of the first prizes in the whist drive were Mrs. Preston and Mr. Morris Williams. Dancing was indulged in until the interval, after which music alternated with dance items until midnight. The vocal artists were Miss Antcliff, Miss Hall and Mr. Hugh Cross. Mr. A. Knowles conducted the whist drive, and Mr. Lester acted as M.C. for dancing. The programme announced that "The Farmer C Phour" would provide interludes.

Hewlett's Social Evening

THE staff of C. J. Hewlett & Son, Ltd., held their twenty-third social evening at the Horse Shoe Hotel, London, W.C.1, on November 29. A large representative gathering sat down to an excellent dinner, Mr. Vivian C. Hewlett, Ph.C., in the chair. After the loyal toast had been honoured, Mr. A. M. Cannell, of the representative staff, proposed the toast of the firm in a very able speech, in which he remarked upon the cordial relations which have always existed between the directors and the staff. Mr. Vivian C. Hewlett suitably replied, and said how pleased he was to see such a large gathering present. Mr. E. J. Millard, F.C.S., also briefly replied, and added that they were taking the opportunity of presenting that evening a testimonial to Mr. S. Hale, a foreman of the dry department, on his retirement on a pension after fifty years of loyal service to the firm. Mr. Millard referred to the progress that had been made during that period, and mentioned several interesting incidents in Mr. Hale's career. The chairman then presented a wallet substantially lined with Treasury notes on behalf of fellow-workers, and a gold watch suitably engraved from the directors. Mr. Hale, in reply, expressed his thanks to all for the kindly remarks which had been made about him on his retirement, and also for the handsome presents which he had received. He detailed several reminiscences of the time when he joined the firm in 1873. The concert that followed included songs by Miss Winifred Brown, Miss G. Love, Miss N. Gregor, Mr. N. P. Millard, Mr. S. Rawlinson, and Mr. D. D. Dellar, all of which were much appreciated. One of the country representatives, Mr. Frank Symons, delighted the audience with a number of recitations. At the termination of the proceedings the chairman proposed a vote of thanks to the committee and secretary (Mr. H. A. Upton), and the evening concluded with the singing of "Auld Lang Syne."

Brighton Chemists' Dinner

At the annual dinner of the Brighton and Hove Association of Pharmacy, held on November 28, the attendance numbered 120, among the guests being Mr. F. Pilkington Sargeant (President of the Pharmaceutical

Society). Mr. John Plowright (President of the Association) occupied the chair. The toast of "The Pharmaceutical Society of Great Britain" was proposed by the chairman, who said that the Brighton and Hove Association of Pharmacy, now sixty-three years old, entertains feelings of unswerving loyalty to the Society. "Many of us," he said, "associate Leeds with patent medicines, but Leeds has made ample amends in providing us with an ideal President, a man thoroughly versed in all that appertains to pharmacy, and who has spent many years of his life in doing his utmost for the betterment of pharmacy and his fellow-pharmacists." Mr. Sargeant, who was greeted with much enthusiasm when he rose to reply, congratulated Brighton on its school, and paid a tribute to Mr. H. B. Mackie, who is on the Technical School staff and is also one of the Society's examiners. In a final word, Mr. Pilkington Sargeant reminded the gathering that 1942 will be the centenary of the Pharmaceutical Society of Great Britain, and he urged that nothing would better befit that occasion than to enable the Society to erect the biggest and finest pharmaceutical building in the world. Mr. H. B. Mackie proposed "The Ladies," and Mrs. F. W. Burgess replied. Other toasts were "The Visitors," proposed by Mr. F. W. Burgess and acknowledged by Mr. F. Weight (of S. Maw, Son & Sons, Ltd.), Mr. F. A. Lawman (Vinolia Co., Ltd.), and Mr. Ernest H. Naillard (Ingram & Royle, Ltd.); and "Kindred Associations and Branches," proposed by Councillor C. G. Yates and responded to by Mr. H. R. Browne (President of the Eastbourne Association and ex-President of the Federation of Local Associations) and Mr. R. A. Cripps. Compliments were paid to Mr. F. W. Burgess, hon. secretary of the Association, for his admirable work as hon. secretary of the dinner.

National Association of Women Pharmacists

A PAPER on *X-rays as a Therapeutic Agent* was read by Dr. H. Martin Berry before the National Association of Women Pharmacists and members of the Western Pharmacists' Association, on December 3, at 17 Bloomsbury Square, London, W.C., Mrs. Freke (President) in the chair, assisted by Miss S. M. Snelus (secretary). In his introductory remarks Dr. Berry made several felicitous allusions to advocating, before a gathering of pharmacists, the use of a remedy which could not be wrapped in paper, or even spread on a plaster, although x-rays could be just as accurately dosed and applied as other therapeutic agents. He then proceeded to describe the characters and properties of waves in general, briefly discussing the nature of the atom, in order to explain how all vibration of the ether is based on the movement of electrons, x-rays being vibrations of ether. Dr. Berry stated that they chiefly affect cell nuclei, and particularly cells undergoing karyokinesis; this accounts for the selective action of radiation, since cells in the course of reproduction are most likely to be influenced. Cells of the healthy brain are least sensitive to radiation. The skin, which is always active, opposes a barrier to the effective treatment of internal organs or growths; for instance, a cancer cell requires 110 to 115 per cent. of the skin dose, and to overcome this limitation of the effective action of x-rays by the skin, the growth must be attacked by cross-fire, that is, by scattering the rays in order to give a greater depth dose than skin dose. The lecturer then described the principles underlying the Erlangen (the projection of several narrow pencils of rays) and the Frankfurt (projection of broader pencils of rays) methods, and the results obtained. As an absolute criterion of the great strides made by the introduction of these new methods he instanced utrine hæmorrhage. With the old form of treatment three to six months, involving two or three sittings a month, were required to cure a patient; with the new intensive treatment, two applications, on two consecutive days, are sufficient to effect a cure. This is largely due to the fact that a harder, i.e., a shorter wave, is now applied. A hearty vote of thanks rewarded the lecturer for his highly interesting and illuminating address.

Trade Report

42, Cannon Street, E.C.4, December 4.

THERE is evidence this week of a perceptible falling-off in business in the produce markets, and the end of the year feeling is already apparent in Mincing Lane. Among the price changes is a further advance in crude antimony and a firmer tone in mercury, this being due to a better export demand. Menthol is dearer after last week's spectacular sale in auction, and some excitement in the Japanese market has been reflected here. Camphor has been reduced by 2d. per lb. by English refiners. American peppermint oil continues strong, and, with little offering, new business is lacking. Japanese mint oil for forward shipment continues active. Ergot remains very firm; lobelia and slippery elm bark have been advanced, while senega and cascara sagrada are inactive. Cardamoms have met with an improved demand since the auctions. Dutch caraway seed is firm; coriander has sold at cheaper rates, and Maltese cumin is easier. Among spices, Zanzibar cloves have been quiet, but steady; Jamaica ginger of lower grades has changed in quantity of late at rising prices; cinnamon is scarce, with full prices asked. In the pharmaceutical chemical group the few changes recorded are in favour of buyers. Potash bromide is a trifle easier, while ammon. and sodium are steady. Methyl sulphonal shows a slight decline and keen competition continues in phenacetin. Higher prices are asked from the Continent for potassium permanganate. Among industrial chemicals, business is fairly good in a small way. Higher prices have prevailed for lead products, such as lead acetate, red and white lead and litharge. Arsenic is firmer, with more actual business. Potassium carbonate is advancing, and in coal-tar products the only change is an advance in creosote oil and an improved demand for pitch. Among fixed oils, prices are tending lower, with trading restricted. Castor, palm and Hankow wood oils are cheaper, while coconut, rape and soya are dull. Linseed has steadied, and turpentine continues to decline.

Higher	Firmer	Easier	Lower
Antimony (crude)	Arsenic	Anise star oil	Camphor (Eng.
Ca-da-roms	Creosote oil	Ba bitone	Ca away oil
Citronella oil	Lemongrass oil	Ber. amot oil	Ca'or oil
(Jv.)	Lime oil (W.I.)	(c.i.f.)	Coriander seed
Elm bark	Mercury	Citronella oil	Cum. in seed
Ginger oil	Nutmeg oil	(Ceylon)	Geranium oil
Lead acetate	Potash	Coconut oil	(Bour.)
Li large	carbonate	Cod liver oil	Linseed oil
Lobelia herb	Spearmint oil	Fenugreek seed	Palm oil's
Men hol		Gallic acid	Turpentine
Peppermint oil		Me hyl	Wood oil
(Amer.)		sulphonal	(Hankow)
Pitch		Potash bromide	Wormseed oil
Red lead		Salol	
White lead		Sas afra oil	

Exchange Rates on London

The following is a list of Continental and other exchange rates against the pound sterling on London prevailing at 4 p.m. on Wednesday:—

Place	Method of Quoting	Par of Ex-change	November 26	December 3
Amsterdam	Fl. to £	12.107	11.48½—11.49	11.52½—11.53½
Berlin ..	M. to £	20.43	19.45—19.47	19.55—19.58
Brussels ..	Fr. to £	25.22½	95.65—95.70	93.15—93.25
Calcutta ..	Per rup.	24d.	18d.—18½d.	18½d.—18¾d.
Christiania	Kr. to £	18.159	31.28—31.30	31.25—31.28
Constantinople	Pst. to £	110	830—845	850—865
Greece ..	Dr. to £	25.22½	258—261	255—257
Italy ..	Lire to £	25.22½	106.70—106.80	107.15—107.20
Kobe ..	Per yen	24.58d.	20d.—20½d.	19½d.—19¾d.
Lisbon ..	Escu.	53½d.	2½d.—2½½d.	2½d.—2½½d.
Madrid ..	Pts. to £	25.22½	33.82—33.84	33.78—33.80
Montreal ..	\$ to £	4.86½	4.63—4.63½	4.66½—4.66½
New York ..	\$ to £	4.86½	4.63½—4.63½	4.66½—4.66½
Paris ..	Fr. to £	25.22½	87.60—87.65	84.75—84.85
Singapore	Per dol.	25.22½	28½d.—28½d.	28½d.—28½d.
Switzerland	Fr. to £	24.02	23.99—24.01	24.07—24.09
Vienna ..	Kr. to £	24.02	328,000—330,000	330,000—333,000
Warsaw ..	Zloty to £	25.22½	23.95—24.15	24.10—24.25

Cablegram

NEW YORK, December 4.—Business is quiet. Peppermint oil in tins has advanced to \$9.00 per lb. Copaiba is dearer at 42½ c. per lb., and short buchu has advanced to 76 c. per lb.

Crude Drugs, etc.

AGAR AGAR remains firm, No. 1 Kobe offering at 5s. 4d. on the spot, and for January-March shipment 4s. 4d. to 4s. 5d. per lb. c.i.f. is quoted.

ALMONDS are firm and prices are now more settled; in Sicilian almonds business could probably be done at about 162s. 6d. per cwt. c. and f., equal to about 176s. landed terms. Bari and Majorca are quoted at about the same figure. Mazagan and Mogador are in fair supply and held for about 180s. New crop Jordan is quoted 260s. and upwards spot, and Valencias 180s. spot, holders not pressing sales.

ANTIMONY has been further affected by the continued scarcity of supplies from all quarters and a sustained demand. English regulus was lately lifted again several pounds, ranging now from about £66 to £69 per ton. Chinese refined on the spot is held for about £60, while business was done for recent shipment at £56 c.i.f.

ANTIMONY (CRUDE) is dearer at about £33 per ton on the spot, and to arrive possibly £30 c.i.f. is wanted.

ARROWROOT is in quiet demand at from 7d. to 11½d. per lb. for St. Vincent, according to quality.

BALSAMS.—If any B.P. *Copaiba* is available it is said to be worth 2s. 6d. per lb. A parcel that approximates the requirements of the U.S.P. is offered at 1s. 11d. *Peru* is steady at 8s. 3d. to 8s. 6d., and *Tolu* is offered at 7s. 6d. to 8s. per lb., ex warehouse; 40 cases have arrived via Amsterdam.

CADMIUM.—The demand has been regular of late, and the liberal quantities coming forward from abroad, which reflect an increased production, appear to move steadily into consumption at from 2s. 4d. to 2s. 6d. per lb.

CAMPHOR (REFINED) continues dull with Japanese slabs offering at 2s. 8d. per lb. on the spot, and November-December shipment at 2s. 7½d. c.i.f. English refiners' prices are 2d. per lb. cheaper; they quote flowers at 3s. 9d. in one-cwt. lots and 3s. 8d. for two-cwt., and tablets have been proportionately reduced; bells are now 4s. 7d. in two-cwt. lots.

CARAWAY SEED.—Dutch is firm, offering at 45s. per cwt. on the spot, and at 40s. for prompt shipment.

CARDAMOMS.—Several of the parcels offered at last week's auction have since been sold, and the position has become stronger owing to the fact that some November c.i.f. contracts have not materialised. Green Alleppy is now quoted at 6s. 3d. per lb.

CASTORUM.—At auction on Wednesday next 2,100 lb. will be offered on behalf of the Hudson's Bay Co.

CIVET.—Genuine is quoted at 9s. per oz.

CLOVES are quiet at from 1s. to 1s. 1d. per lb. on the spot for Zanzibar as to quality. To arrive, the sales include October-December shipment at 11½d., and January-March shipment has been sold at 11½d. per lb. c.i.f. and buyers. The week's statistics show landings *nil* and deliveries 1,061, leaving a stock of 16,274, against 21,095 in 1923 and 2,509 bales in 1922. The landings so far this year have been 40,299, against 47,888, and the deliveries 43,402, against 28,822 in 1923.

COD-LIVER OIL.—Our Bergen correspondent writes on December 1 that the market is still quiet, and for finest non-freezing steam-refined oil the easier rate of from 118s. to 120s. per barrel c.i.f. London is quoted.

ELM BARK is dearer at 1s. per lb. on the spot for grinding quality.

ERGOT continues very firm, with no sound Spanish obtainable on the spot under 2s. 3d. per lb. Pessimistic reports have been current in regard to the Polish crop.

FUSEL OIL.—The average price is about £240 to £250 per ton.

GINGER.—In Jamaica ginger a good quantity has been disposed of lately, mostly of the lower grades at

advancing prices. Last year's exports from Jamaica were as follows:—

	cwt.	£
United Kingdom	5,939	38,595
United States	8,171	53,828
Canada	992	6,548
Australia	1,414	9,262
Total	16,516	108,233

It will be seen that the U.S.A. is the principal customer, due largely to the demand there for ginger to be used in the manufacture of "soft" drinks.

GUM ACACIA.—Usual Kordofan sorts are quoted at 56s., and cleaned at from 57s. 6d. to 58s. 6d. per cwt. on the spot.

IPECACUANHA.—At last week's auction six bales part mouldy and part water-damaged Matto Grosso sold at from 7s. 8d. to 7s. 10d. per lb.; fair sound was obtainable at 8s. per lb.

LABDANUM is quoted at about 42 fr. per kilo, or about 5s. to 6s. per lb.

LOBELIA HERB is dearer at 1s. 8d. per lb. on the spot.

MACE is higher. Broken is quoted at 2s. 6d., and good red to pale 3s. to 3s. 3d. per lb.

MENTHOL.—After the auction last week further business was done privately at 53s. per lb. for Kobayashi on the spot, and this week 54s. to 56s. has been paid, and sellers on Wednesday were asking 58s. Forward position is better by about 3s., sellers quoting January-March at 41s. 6d. to 42s. c.i.f., with sales at 41s. c.i.f. November-December shipment is quoted at 46s. c.i.f., and December-January at 44s. c.i.f. There has been some excitement in the Japanese market owing, it is said, to farmers of the main crop of oil advancing prices by 15 per cent., and this was reflected on the London market on Wednesday.

MERCURY has developed a firmer tendency, thanks to an improving demand, while consumers evidently have but little stock. Business was done in the earlier part of the week at £11 up to £11 5s. per bottle on the spot, less the usual discount, and some sellers were asking £11 10s. A moderate amount of business has been reported on the whole, including a few small parcels for export.

MUSK SEED.—The nominal price is about 1s. 9d. to 2s. per lb.

PEPPER has been quiet, with fair black Singapore quoted at 5½d. per lb. on the spot; to arrive, f.a.q. for November-January and January-March shipment is quoted at 5½d. per lb. c.i.f. London. White pepper is firmer at 10½d. spot for Muntok. To arrive, October-December shipment has been sold at 10d. c.i.f., and January-March shipment at 10½d. to 10¾d. to 10½d. c.i.f. London.

The Director of Finance of Java has fixed the average market price, during the first quarter of 1925, of white pepper at fl. 78.30, and of black pepper at fl. 36.65, per 100 kilos. Consequently, the export duty leviable during the first three months of next year will amount to fl. 2.64 per 100 kilos for white pepper, and fl. 0.82 for black pepper.

PIMENTO is slow of sale at 4d. per lb. on the spot, and to arrive 32s. c.i.f. is quoted. The exports from Jamaica in 1923 were as follows:—

	cwt.	£
United Kingdom	3,440	2,064
United States	34,457	21,129
Canada	1,920	1,152
Austria	5,683	3,410
France	3,387	2,032
Germany	37,856	23,119
Total	86,743	52,906

A noticeable feature of last year's trade is the reappearance of business with the European continent, which was very considerable before the war.

RUBBER has again shown an improvement, and at the close prices were fully ¼d. better than last week. At one time spot sold up to 1s. 6½d., but at the close business was done at 1s. 5½d. The further advance is due to a good American demand, combined with the fact that stocks have again been heavily "cut into."

Now that the price is again in the region of 1s. 6d., a fair amount of caution is being shown by dealers as well as consumers. Although prices may sag towards the end of the year, it seems fairly certain that the spot shortage will soon be seriously felt all round. We find an exceedingly good demand for "off" grades, for which extremely full prices are being realised. Last week's deliveries were again substantial, viz., 2,183 tons, while arrivals totalled 1,262 tons, thus showing a further decline of 921 tons. The London stock now stands at 33,617 tons. Quotations (Wednesday, 5 p.m.), No. 1 standard crêpe and ribbed smoked sheet, spot and December, 1s. 5¼d.; January-March and April-June 1s. 6¼d. per lb.

SEEDS.—The seed market remains very quiet, with little alteration in prices, which are as follow:—**MAZAGAN CANARY SEED** is 32s. per cwt. on the spot, and good bold Spanish seed is 34s. to 35s. **CUMIN SEED:** Maltese new crop is easier at 75s. per cwt. on the spot, and for December-January shipment 68s. c.i.f. is quoted. **MOROCCO** is 77s. 6d. per cwt. on the spot. **CORIANDER SEED:** New crop sound Morocco has been sold at 19s. on the spot, and sellers ask 18s. c.i.f. **DILL SEED** is offered at 21s. to 22s. 6d. **MOROCCO FENUGREEK SEED** is offered on the spot at 20s. per cwt. **HEMP SEED:** Manchurian sound seed is 19s. to 20s. **LINSEED:** Morocco is quoted at 24s. 6d. per cwt. on the spot. **MUSTARD SEED:** English is 37s. per cwt. on the spot.

SHELLAC.—The deliveries for last month were quite good, amounting to 4,872 cases, but the receipts were considerably larger, totalling 5,113 cases, so that the warehouse stocks were increased by 241 cases to 6,594 cases. Despite the further good arrivals reported since, the tone of the market has been fairly steady. Usual standard TN orange quality closes at 320s., fine second orange 345s., superfine 370s., pure button 340s., AC cakey 285s., and GAL 270s. Sellers of TN for December delivery quote 310s., and March 290s. per cwt.

STARCH PRODUCTS.—Dutch maize starch powder is unchanged at 19s. 6d. per cwt., and American is also 19s. 6d. per cwt. net on the spot. American maize starch crystals is 22s. net, and Dutch crystals is 22s. Best English rice starch crystals is 36s. to 37s., and German or Dutch 28s. to 29s. per cwt. Dutch farina is easier at 20s. 6d. for superior, and November-December shipment is 19s. 9d. f.o.b. for new crop; superior Dutch (maize) dextrin is 26s. 6d., and No. 2. 25s.; American canary dextrin is 22s. 9d., and white 22s. 6d. per cwt., ex store, London.

Essential Oils

BUSINESS is quiet this week, but price changes are fairly numerous. Java citronella is dearer, but Ceylon is easier, although it is expected to improve again shortly. Ginger oil has advanced. American peppermint oil has again been sold at higher rates. Advances have taken place in the value of Cochin lemongrass, West Indian lime, nutmeg and American spearmint oils. Star anise is the turn easier, with c.i.f. prices irregular; sassafras oil is also cheaper. Bergamot oil is cheaper for new crop. Bourbon geranium is lower on the spot and at the source. American wormseed is cheaper, also Dutch caraway oil.

ANISE (STAR).—"Red Ship" on the spot is quiet and easier at 2s. 7½d. per lb.

BERGAMOT is practically unchanged, with spot sellers at from 15s. to 15s. 6d. per lb. for 37 to 38 l.a. Forward prices are offered over a fair range. In some directions the lower price of 13s. 3d. c.i.f. is quoted for new crop. Prompt shipment is 14s. 6d. to 15s.

BOIS DE ROSE (FEMELLE).—Spot is firm at from 19s. to 19s. 6d. per lb.

CAJUPUT in 19-oz. bottles is offered in some directions at the slightly easier rate of 3s. to 3s. 2d. per lb.

CARAWAY.—Dutch double-rectified on the spot is lower at 13s. to 13s. 6d. per lb. for quantity.

CASSIA is dull on the spot at 9s. per lb. for 80 to 85 c.a. For November-December, 8s. c.i.f. is quoted.

CEDARWOOD.—American is unchanged, with spot firm at from 3s. 9d. to 4s. per lb.

CINNAMON.—Ceylon leaf is quiet on the spot at 4½d. per oz.; the nominal forward price is 4½d. c.i.f.

CITRONELLA.—Ceylon is easier on the spot at 3s. 0½d. per lb. and 2s. 11½d. c.i.f. to arrive. Java is firmer at 6s. 3d. per lb. spot, and 6s. c.i.f., early shipment.

CLOVE.—English distilled is steady on the spot at from 7s. 6d. to 7s. 9d. per lb. Indian distillate (88 per cent. eugenol) is 7s. 3d.

JUNIPER BERRY.—For finest grades of B.P. oil 5s. 3d. per lb. is quoted, but cheaper qualities are quoted down to 4s. 6d.

GERANIUM.—Bourbon is cheaper. Small spot sales have been made at 29s. to 29s. 6d. per lb. recently, but the price has further weakened, and there are sellers in quantity at from 28s. to 28s. 6d. Algerian is fairly steady at from 31s. to 32s.

GINGER is dearer at 32s. per lb. for bulk quantities, ex warehouse, London.

LEMON is unchanged, with spot sellers at from 3s. to 3s. 3d. per lb. as to brand. The prices quoted for shipment range from 3s. to 3s. 3d. c.i.f. for new crop.

LEMONGRASS.—Cochin is quiet, but dearer to arrive. After reaching 5s. 3d. c.i.f. earlier in the week, the forward price is steadier at 5s. No sales are reported over 4s. 7d. c.i.f. Spot supplies are very scarce; the latest sale made was 4s. 8d. per lb.

LIME.—West Indian distilled is in limited supply and dearer at 6s. 3d. per lb. Hand-pressed is firm at 10s.

LINALOE.—Mexican wood oil on the spot is quoted at 18s. per lb. Some recent arrivals have been found to be of low-grade quality.

MINT.—Japanese dementholised Kobayashi-Suzuki is extremely scarce on the spot and nominal at 23s. 6d. per lb. Fair sales of January-March have been made at 13s. c.i.f., and 13s. 6d. c.i.f. is now quoted. For shipment arriving shortly 22s. 6d. per lb., landed terms, is quoted. November shipment is 17s. c.i.f.

NUTMEG is firmer on the spot at 6s. 9d. per lb.

ORANGE.—Sicilian sweet on the spot is steady at from 10s. to 10s. 6d. New crop is offered at 9s. 6d. to 10s. c.i.f. Californian sweet is selling steadily at 6s. 9d. per lb.

PEPPERMINT.—American natural tin oil is very firm at from 41s. 6d. to 41s. 9d. per lb., c.i.f. to arrive, but little is offered and prices remain dearer forward than spot. On the spot, 40s. is reported paid, and from 40s. 6d. to 41s. is now asked. Single tins are selling at 42s. Redistilled oil is 44s. to 44s. 6d. Sales of H.G.H. have been made at 45s., but 48s. to 48s. 6d., London terms, is now asked.

SANDALWOOD.—Arrivals amounting to 175 cases have taken place from Bombay. On the spot, quotations are steady at 24s. per lb. for 5,000-lb. lots in one delivery; 25s. for 1,000-lb. lots; 27s. for one to five cases. Reports from Mysore state that at the recent auctions of the wood very high prices were realised, consequently the oil is likely to remain firm. West Indian (*ol. amyris*) of fine quality is offered at 10s. 6d. to 12s.

SASSAFRAS.—Genuine American natural is a shade easier at 6s. 6d. per lb.

SPEARMINT.—American is dearer at first hands at 20s. 6d. per lb. in cases.

SPIKE.—Spanish oil on the spot is firm at from 5s. 6d. to 5s. 9d. per lb. for good quality. French is offered at 7s.

VETIVER.—Recent arrivals of Bourbon are quoted at 48s. per lb.

WORMSEED.—American is cheaper to come forward at 18s. per lb. c.i.f. to arrive. Spot is also cheaper at 20s.

Pharmaceutical Chemicals, etc.

ONE or two minor changes in buyers' favour are recorded this week, otherwise the market shows little alteration. A general steady tone with moderate business continues.

ACETANILIDE shows no change, with the market steady at 1s. 10d. to 2s. per lb., at which prices some little business has been done for B.P. powder.

AMIDOPYRIN is quoted at 14s. 6d. per lb.

ASPIRIN.—A fair business continues and prices are very steady at 3s. 1d. to 3s. 3d., with perhaps a shade less taken for big lots.

BARBITONE continues quiet, but prices are steady on spot at about 13s. 9d. to 14s. per lb.

BENZALDEHYDE meets with occasional small inquiry, with dealers quoting at 3s. 1d. to 3s. 3d. per lb. for .03 material.

BENZOIC ACID (B.P.) is steady on spot, with reliable make firm at 2s. 5d. to 2s. 6d. per lb.; ex toluol is 2s. 2d. per lb.

BENZONAPHTHOL does not attract buyers, with dealers quoting at about 5s. 3d. to 5s. 6d. per lb.

BETANAPHTHOL.—Resublimed is well maintained at about 3s. 6d. per lb., with the market remaining dull.

BROMIDES.—A further change in buyers' favour is shown in current quotations, but there is still a firm tone noticeable. Ammonium is steady at about 2s. per lb.; potassium, B.P. crystals and granular, is a shade lower at 1s. 6d. to 1s. 6½d. per lb.; sodium, B.P. crystals and granular, is firm at 1s. 7½d. to 1s. 8d. per lb., for quantities.

CALCIUM LACTATE is now generally quoted from 1s. 6d. per lb. upwards, according to quantity; market fairly brisk.

CHLORAL HYDRATE is firm at 3s. 10d. to 4s. per lb. on spot, with some holders refusing business at the lower figure for duty-paid crystals.

CITRIC ACID.—The better tone recently recorded continues in evidence, although business remains slow. Quotations run from 1s. 4d. to 1s. 4½d. per lb., less 5 per cent. spot for B.P. crystals, but in one or two instances 1s. 3d. is quoted.

CREOSOTE (B.P.).—The position is unchanged with quotations at 2s. 2d. to 2s. 6d. per lb.; market quiet.

CREOSOTE CARBONATE is very dull, with dealers offering at about 7s. 6d. per lb.

GALLIC ACID is easier, cwt. lots of pure crystals offering at 2s. 9d. per lb.

GUAIACOL CARBONATE is none too steady as quoted at 9s. 6d. to 10s. per lb.; market very slack.

HEXAMINE is in free supply on spot, and dealers are quoting down to 2s. 11d. per lb. for big lots, but most quotations are at 3s. to 3s. 2d. per lb.

HYDROQUINONE is steady at last week's cheaper rates of 4s. to 4s. 6d. per lb., with the market on the quiet side.

LACTIC ACID (B.P.).—Dealers quote in the region of 2s. 8d. per lb., and the market is very steady. Technical, 50 per cent. by weight, £43 per ton, spot.

MENTHOL (SYNTHETIC).—English makers quote from 26s. to 35s. per lb., according to quantity.

MERCURIALS are quiet. Calomel is 3s. 10d. to 4s.; white precipitate, 4s. 6d. to 4s. 8d.; corrosive sublimate, 3s. 5d. to 3s. 7d.; and red oxide, 5s. 2d. to 5s. 4d. per lb.

METHYL SALICYLATE, in carboys, is meeting with some business at from 1s. 9d. to 2s. per lb.; market steady.

METHYL SULPHONAL is rather easier with prices down to about 22s. 6d. to 23s. 3d. per lb. on a dull market.

METOL, of British make, is quoted at 11s. per lb.

MORPHINE.—Makers continue to quote hydrochloride powder at 14s. 9d., and crystals at 15s. per oz.

PARAFORMALDEHYDE.—B.P. quality is offered at 2s. 8d. per lb.

PARALDEHYDE has been in fair demand with prices on spot about 1s. 2d. to 1s. 4d. per lb., according to quantity.

PHENACETIN continues to be the ground for keen competition and some isolated big lots are quoted down to 5s. 6d. per lb.; ordinary quantities, 5s. 10d. to 6s. per lb.

PHENAZONE is firm with spot prices about 6s. 10d. to 7s. 1d. per lb.; a fair business reported.

PHENOLPHTHALEIN has been called for occasionally, with prices from 5s. 6d. to 7s. per lb.

PIPERAZINE keeps steady at 2s. 10d. to 3s. per oz., in one-kilo lots, on spot.

POTASSIUM IODIDE is quoted by makers at from 16s. 8d. to 17s. 5d. per lb., according to quantity.

POTASSIUM METABISULPHITE is offered at 7½d. per lb. in one-cwt. kegs f.o.r. London.

POTASSIUM PERMANGANATE continues to find a good business, with dealers offering at 7½d. to 7½d. per lb., in drums, for B.P. A cabled advice from the Continent

reports a further advance equal to about 1d. per lb. on spot, and crystals coming forward will cost about 8d. to 8½d. per lb., duty paid at wharf.

QUININE.—Continental makers quote 2s. 3d. per oz. for sulphate in bulk, and Japanese can be had at 2s. 2½d. per oz.

RESORCIN is steady but rather quiet, with the spot value from 5s. 3d. to 5s. 6d. per lb.

SACCHARIN (550) keeps steady at the old rates of 62s. 9d. to 65s. per lb. for duty-paid powder. In bond for export, 10s. per lb.

SALOL is slightly easier, offering at 3s. 6d. per lb. in one-cwt. lots

SALICYLIC ACID (B.P.).—There are one or two offers of big lots at 1s. 5½d. per lb. General prices run from 1s. 6d. to 1s. 8d. per lb., according to quantity, with the market steady.

SODIUM BENZOATE (B.P.).—The spot position keeps steady, with the average price about 2s. 3d. to 2s. 4d. per lb.

SODIUM SALICYLATE continues very steady and business has been fair. B.P. crystals and powder, about 2s. 2d. per lb., on spot.

SODIUM POT. TART. is quoted by makers at from 75s. to 82s. 6d. per cwt., according to quantity.

STRYCHNINE.—Makers quote the alkaloid crystals at 2s. 6d., precip. at 2s. 5d., hydrochlor. at 2s. 2d., nitrate at 2s. 3d., and sulphate at 2s. 1d. per oz.

SULPHONAL is offered by dealers at from 14s. 6d. to 15s. per lb. and upwards, with little interest shown.

TANNIC ACID.—B.P. *leviss* continues very steady at 2s. 10d. to 3s. per lb., according to quantity.

TARTARIC ACID.—B.P. crystals on spot remain dull with prices easy as quoted at about 11½d. to 11¾d. per lb., less 5 per cent. Business is still quiet.

TERPIN HYDRATE is offered on spot at 1s. 8d. to 1s. 9d. per lb., but the demand is not good.

VANILLIN holds at last week's better prices of 25s. to 25s. 3d. per lb. for 100 per cent.

Among the chemical imports which have paid Key Industry duty are the following: Acetyl-salicylic acid, £226; amidopyrin, £249; adrenalin, £777; amidopyrazoline, £280; aspirin, £370; caffeine, £333; cellulose acetate, £448; cocaine hydrochloride, £375; ethyl aceto acetate, £856; formic acid, £178; hexamine, £197; phenacetin, £224; potassium permanganate, £132; rhodine, £560; salol, £230; vanillin, £448; undescribed chemicals, £2,524.

Industrial Chemicals, etc.

London, December 3.

A FEW changes of importance are recorded this week, most of the moves being towards higher rates and firmer conditions. Business generally has been fairly good in a small way. Lead products are much dearer on a firm market, and arsenic has taken a turn for the better. Potash products are firm and likely to advance.

ACETIC ACID is steady on spot, but business, as usual at this time of the year, is poor: 80 per cent. technical, £42; 80 per cent. pure, £43 7s. 6d. per ton, in barrels; 98 to 99 per cent. glacial, £68 per ton, in glass demijohns, ex wharf, London.

ACETONE shows no change, with the market still very flat: B.G.S., in drums, London, about £94 per ton.

ALUM is steady and moving occasionally, with lump, in casks, on spot at about £9 15s. per ton.

AMMONIA ALKALI.—Makers quote £6 15s. per ton f.o.r.

AMMONIA (ANHYDROUS).—The usual small requirements of consumers are being met by dealers at 1s. 5½d. to 1s. 6d. per lb., in loaned cylinders.

AMMONIUM CHLORIDE has been moving well, with grey galvanising firm, and likely to advance, at £29 17s. 6d. to £30 per ton, spot, in casks.

ARSENIC.—Conditions are better this week. There has been a good deal more actual business and the tone shows an improvement. Cornish white powdered is now rather firm at £32 per ton f.o.r. mines, and may go higher. Japanese quotations have moved up to £31 per ton, c.i.f. to arrive.

BICHROMATES.—Prices for next year's contracts have been fixed at 4d. per lb. for sodium and 5d. per lb. for potassium, less 5 per cent. carriage paid Great Britain.

BLEACHING POWDER.—Makers quote £11 per ton on the spot delivered, and £1 less for four-ton contracts.

COPPER SULPHATE is slow of sale, inquiries from the Continent being rather restricted, but the tone is steady on the

basis of £24 15s. to £25 5s. per ton, f.o.b., for casks, less 5 per cent. Importers quote for shipment about £22 7s. 6d. per ton, f.o.b. Continental port.

CREAM OF TARTAR remains quiet, but prices are fairly steady at about 82s. per cwt., less 2½ per cent. for B.P. material.

EPSOM SALTS on spot of commercial quality has been taken up fairly well, with the price steady at £4 17s. 6d. per ton, in bags.

FORMALDEHYDE continues very flat, with practically no interest shown in dealers' offers, at about £48 to £48 10s. per ton for 40 per cent. volume.

CLAUBER'S SALT keep steady, with spot lots offering in the region of £3 12s. 6d. per ton, in single bags. The shipment offer from the Continent is still a bit below this figure.

LEAD PRODUCTS.—All-round advances are recorded here owing to a similar move in metal prices. The markets are very firm, with quite good inquiry about: spot, lead acetate, brown, £46; white, £47 per ton; red lead, £46; litharge, £46 10s.; white lead, dry, £48; ground in oil, £50 per ton, c.i.f. London.

LITHOPONE continues to attract a moderate business, with prices of 30 per cent. Continental red seal steady at £19 10s. to £20 per ton, spot.

OXALIC ACID is still under a cloud as far as business is concerned, and spot offers at 3½d. to 3¾d. per lb. are still on the market.

POTASH CAUSTIC is firm, with business satisfactory. Importers quote £31 10s. to £32 per ton for 88 to 92 per cent. solid, in drums.

POTASSIUM CARBONATE.—Following on last week's indications, prices are now advancing on spot, with the market firm: 90 to 92 per cent., fully £23; 96 to 98 per cent., £24 15s. to £25 per ton, in casks.

POTASSIUM CHLORATE is available on spot, ex store, in small lots at about 2½d. to 2¾d. per lb. for powder or crystals.

POTASSIUM PRUSSATE has been called for in quantities, with dealers' prices firm at about 6½d. to 7¼d. per lb., according to quantity.

POTASSIUM PERMANGANATE has been firm and active for some time and further advances have been advised from the Continent to-day. Spot prices must move up accordingly, and will probably reach 7¼d. to 7¾d. per lb.

SAL AMMONIAC.—Business continues quite good here, full prices being obtained: dog-tooth crystals, £43 to £43 10s.; medium, £40; fine white crystals, £26 7s. 6d. to £26 10s. per ton, in casks.

SALTCAKE for home trade is steady at £3 10s. per ton, with not much offering up to the end of the year.

SODIUM ACETATE is steady on a quiet market, with dealers offering spot stocks in the North and London at £23 7s. 6d. per ton.

SODIUM BICARBONATE is unchanged, with British makers quoting for home trade at £10 10s. per ton, in bags, carriage paid.

SODIUM BISULPHITE.—Makers quote 60 to 62 per cent. powder, in free iron drums, at £17 to £18 per ton f.o.b., according to quantity.

SODIUM HYPOSULPHITE continues steady on spot with the demand rather poor: pea crystals, £13 15s. per ton, in one-cwt. kegs; commercial quality, £9 5s. per ton, in casks.

SODIUM NITRATE at this time of the year is usually flat. Prices are nominal, with 96 per cent. £13 7s. 6d. per ton, f.o.r. docks. London: refined, £13 15s. per ton.

SODIUM NITRITE (100 per cent.) is more or less idle, with the price quoted in London about £25 per ton at docks.

SODIUM PRUSSATE has been finding some good business, with British material steady at about 4d. per lb.

SODIUM SULPHIDE remains flat, with dealers offering 60 to 62 per cent. solid at £13 10s., and broken at £14 10s. per ton, in drums.

SODIUM SULPHITE.—Pea crystals in one-cwt. kegs is quoted by makers at £15 per ton, f.o.r. London.

SULPHUR continues in moderate demand and the tone is steady: American or Sicilian crude, £5 15s., delivered Manchester. Quotations for refined are £9 12s. 6d. to £9 15s. for Sicilian flowers and £7 15s. per ton for roll, delivered from London warehouse.

COAL-TAR PRODUCTS, ETC.—Pitch continues to show improvement both in prices and in demand. Creosote oil is also brighter at better prices. Other items show little change, with matters generally quiet. **ANILINE OIL** continues to be quoted by British makers at 7¼d. to 8d. per lb., naked at works. **ANILINE SALT** is unchanged at 7¼d. to 8¼d. per lb., naked at works as quoted by British makers. **BETANAPHTHOL** is steady on a quiet market at 1s. 1d. per lb. **TOLUOL.**—Pure, 1s. 8d. to 1s. 8½d.; 90's, 1s. 5d. to 1s. 5½d. per gallon; quiet. **XYLOL.**—Pure, 3s. 3d.; commercial, 2s. 2d. per gallon; market still flat. **CREOSOTE OIL** has brightened up, and prices are advancing on a firm market: ex works, 5½d. to 5¾d., and f.o.b. 6¾d. to 6½d. per gallon, in bulk packing.

CARBOLIC ACID crystals remain sluggish at the low figure of about 5½d. per lb., f.o.b. in bulk packing. Makers quote 5½d. to 6d. per lb. CRESYLIC ACID continues in fair demand, with the price of pale 97 to 99 per cent. steady at 1s. 11d. to 2s. 1d. per gallon. NAPHTHALENE has been inquired for, with prices varying as to district at about £15 per ton for flakes. Pure METHYL ALCOHOL remains very flat, and the price is nominal at about £60 per ton, in drums, London. HEXAMETHYLENE is quiet but steady in the region of 3s. 3d. per gallon. PYRIDINE has been more inquired for, with the price steady at 18s. 6d. to 18s. 9d. per gallon. PITCH.—A further improvement is recorded this week, with business brighter at prices in the region of 52s. 6d. per ton, f.o.b. This continued movement is in accordance with our comments of some few weeks ago.

Fixed Oils, etc.

The few changes in prices are to lower levels, with business generally far from brisk. Linseed oil seems to have steadied. American turpentine continues to decline. Palm oils are cheaper. Castor, coconut, rape and soya oils are dull. Cotton oils are firm. ACID OILS.—Market still firm and prices rather dearer: coconut and palm kernel, 44s. 6d.; groundnut, 42s. 6d.; soya, 37s., all spot. CASTOR.—Prices are easier on a dull market: pharmaceutical, 76s.; first pressings, 71s.; second pressings, 69s., all spot, in barrels, in not less than one-ton lots. Belgians firsts in barrels is quoted at about £69 per ton c.i.f. COCONUT.—Deodorised on spot is quiet and cheaper at 53s. 3d.; Ceylon, 47s. 6d. c.i.f.; and Cochin, 62s., c.i.f. COTTON shows a little more business, with prices steady: deodorised, 56s.; common edible, 54s.; soap-making, 52s.; crude, 43s. 6d., all spot. GROUNDNUT is still firm at high rates: deodorised, spot, 67s.; crude Oriental, 60s., c.i.f. PALM KERNEL is slightly cheaper, but closing steady: deodorised, 51s.; crude, 46s., all spot. PALM.—All grades are at lower prices and business has slackened off; market closes steady: Lagos, 44s.; softs, 44s.; mediums, 44s.; hards, 44s. 3d.; bleached, 46s., all spot. RAPE is still dull but no further drop in prices: refined, 58s. 6d.; crude, 55s. 6d., all spot. SOYA is unchanged, with the market still flat: deodorised, 52s. 6d.; crude, 48s., all spot. LINSEED (raw, naked).—Prices for all positions are cheaper, but the market is much steadier at the decline. On spot, 44s. 6d.; December, 43s. 6d.; January-April, 43s. 6d.; May-August, 43s. 9d. Hull, on spot, 43s. 3d.; December, 43s. 3d.; January-April, 43s.; May-August, 43s. 3d. TURPENTINE.—Surface appearances weakened distinctly late last week, but there was a little improvement after renewed weakness early this week. American trade advices were very dull, and the position is unsettled, while the demand from consumers has been slow. Sellers for deliveries next year, however, continue cautious. Last week's deliveries were comparatively small, being 1,710 barrels, making an aggregate of 93,265 barrels since January 1. The stocks were reduced at 45,313 barrels. Spot closes lower at 57s. 3d., and January-April at 58s. 9d. per cwt. WOOD.—Hankow, in barrels, on the spot is much cheaper on a quiet market at 81s. 6d. per barrel.

LUBRICATING, MINERAL AND BURNING OILS, ETC.—There is no change to record; business remains restricted, but prices are fairly steady. BENZOL.—Prices are fully maintained and may harden a little. Crude 65's, 10d.; standard motor, 1s. 3d.; pure, 1s. 7d. per gallon, ex works, in tank wagons; f.o.b. prices, 6d. per gallon more, drums free. FUEL OIL.—No change; market steady but dull: 950 gravity, £3 17s. 6d.; 890 gravity, £4 17s. 6d. per ton, ex tank. PARAFFIN WAX AND SCALE.—Both items are firm and in fair request: wax, 3½d. to 5½d. per lb., according to melting point, in bags; scale, for shipment, about 28s. per cwt., c.i.f. SOLVENT NAPHTHAS keep steady, with some inquiry for 90 to 160, which is quoted at 1s. 2d. to 1s. 3d. per gallon; heavy 90 to 190 is dull at 1s. to 1s. 1d. per gallon. PARAFFIN OILS.—No change; firm markets: American standard white, 1s. 1d.; water white, 1s. 2d. per gallon, barrels free, ex wharf; Russian prime white kerosene, 6½d. to 7d., ex tank; 7½d. buyers' barrels, filled free, and 10½d. per gallon, barrels free, ex wharf, London. PETROLEUM JELLIES.—Moderate business, with prices unaltered: white to snow white, £63 to £68; amber and yellow, £25 to £28; red vet, £22 10s.; dark stiff green, £18 5s. per ton, drums and barrels free, ex wharf, London. WHITE OILS remain quiet but fairly steady: special No. 1, £38; No. 1, £35; No. 3 half-white, £27; No. 4 half-white, £19 per ton, drums and barrels free, ex wharf, London. LUBRICATING OILS.—This market continues steady with no change: pales, £13 to £23; reds, £14 10s. to £27; dark cylinders, £15 10s. to £35; filtered cylinders, £22 15s. to £36 per ton, less 2½ per cent., ex wharf, London; soluble oil, £20 to £29 per ton, according to grade. No. 1 RUSSIAN OIL, steady at £18 5s. per ton, less 2½ per cent., ex wharf, London.

Reparation Colours

THE British Chemical and Dyestuffs Traders Association, Ltd., intimate that, as a result of negotiations carried out with the Board of Trade and H.M. Treasury, they have obtained for merchants purchasing reparation colours for resale a special "merchandising discount" as follows:—Purchases over a period of three months, totalling £1,000 to £1,250, 2½ per cent. discount; £1,250 to £1,750, 3 per cent. discount; £1,750 to £2,250, 4 per cent. discount; £2,250 and upwards, 5 per cent. discount. Such discounts will be calculated on the net value, after deduction of the "quantity" discounts (2½ per cent. on 5 cwt. to 1 ton and 5 per cent. on one ton or more) already in operation, of invoices due for payment on and after December 1, 1924. Purchases made during the present month should therefore be eligible. This merchandising discount will not be given to consumers. Membership of the Association will be accepted as a proper claim to these concessions.

Sugar Beet Industry

THE Board of Agriculture announce that the Government has decided to adopt and carry out the proposals made by the late Government for the grant of a subsidy for a period of ten years on a diminishing scale to sugar manufactured in this country from home-grown beet, coupled with a minimum price to the growers in the initial years. The necessary measures have been prepared and will be presented to Parliament when it meets for business. The proposed subsidy, which will apply to sugar manufactured during the current season, will be at the rate of 19s. 6d. per cwt. for the four years from 1924-25 to 1927-28 inclusive; at the rate of 13s. per cwt. for the three following years; and at the rate of 6s. 6d. per cwt. for the three final years. The subsidy has been fixed at a rate which will enable the sugar factories to pay excise duty at the preferential rate, which at present is 9s. 8½d. per cwt., and the industry would not be adversely affected in future by any reduction in the Customs duty on imported sugar, since the excise duty would be proportionately reduced at the same time. It will be a condition of payment of the subsidy that the sugar manufacturers should pay during the first four years a minimum price of 44s. per ton of beet of 15½ per cent. sugar content, with an addition or reduction of 3d. per ton in respect of each one-tenth per cent. of sugar content above or below 15½ per cent.

Italian Drug and Chemical Markets

Genoa, December 1.

DURING November the demand on the Italian chemical market was frequently influenced by the high foreign exchange (£1 = 107 lire). At Milan the demand for caustic soda, especially on the part of the textile and soap industries, was strong, while at Genoa it was small; this led to a reduction in prices. In carbonate of soda (98 to 99 per cent.) the principal business was conducted on the Milan and Turin markets. At Genoa offers were limited, and often monopolised by the national producers, especially of Pisa. In soda crystals a fair business was done on most Italian markets. Ordinary alum underwent a reduction. Chrome alum was in demand by the tanneries, who also placed fair orders for bichromate of potash and soda, bisulphate of soda in liquid and crystal form. In drugs a certain demand was noted, and a fair business was done in Ceylon cinnamon, cloves, nutmeg, mustard seed, saffron and vanilla. In pharmaceuticals, the market was, as usual, monopolised by the German products; some English, Italian and French specialties found a sale from time to time. In fertilisers, the demand was smaller in phosphates than anticipated, while for potash salts, nitrate of soda, ammonium salts and calcium cyanamide a fair demand was noted. Leaf shellac was, as usual, monopolised by a few sellers who keep up prices, the German products finding a larger sale. In essential oils, little business was noted, both in old crops and those of the new. Foreign sugar met with a fair sale, business being facilitated by the abolition of the import tax. The following prices were quoted for pharmaceutical products, drugs and chemicals (per kilo in lire): Glacial acetic acid, 13.50 to 14.50; arsenious acid, 8 to 8.50; boric acid, 7.20 to 7.50; citric acid, crystals, 17 to 18; carbolic acid, crystals, 9 to 10; lactic acid, 3.50 to 4.10; oxalic acid, 4 to 5.10; tartaric acid, crystals, 13 to 13.50; alum, 0.90 to 1.10; bicarbonate of sodium, 1.90 to 2.00; borax, crystals, 4.10 to 4.20; carbonate of magnesium, 4.50 to 5; citrate of magnesium, 11.50 to 12; chlorate of potassium, crystals, 3.10 to 3.20; formaldehyde, 40 per cent., 7.40 to 7.80; refined glycerin, 9.50 to 10; quinine hydrochloride, 5.40 to 5.50; castor oil, 9.50 to 9.75; cod-liver oil, 6.10 to 6.20; potassium permanganate, 8 to 8.50; quinine sulphate, 400 to 450; Ceylon cinnamon, 31.10 to 34.80; cloves, 26 to 27.



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

P.A.T.A. Election

SIR,—Mr. H. H. Marshall is a candidate for re-election to the council of the Proprietary Articles Trade Association, and our Association desires to draw the attention of all voters to the admirable work he has done during the last three years upon that body and the Retail Pharmacists' Union Executive Committee, and for many years previous to that upon the Birmingham executives, towards the maintenance and improvement of retailers' profits on pharmaceutical proprietary articles. To ensure the continuance of his best services, it is hoped that all voters will exercise their privilege and return him at the head of the poll.—Yours truly,

For Birmingham Pharmaceutical Association,
J. T. BELL (President), F. SMITH (Secretary).

American Advertising in England

SIR,—Messrs. Newbery & Sons' apologia is clever, but not convincing. I made no protest other than a humorous sally against the advertising, nor did I nor could anyone possibly imagine this would continue indefinitely. That 2,000 have written for more "stickers," etc., leaves me cold. The philanthropy of pharmacists is notorious. A learned judge once paid a tribute to it. Twenty years ago 8,000 would have written. Ten years hence these parcels will be returned *en bloc* carriage forward to the senders, or tipped into the waste-paper basket. A generation is arising which resents being the doormat for patent-medicine vendors, British or foreign. The point is this—and this is what Messrs. Newbery astutely avoid—the advertisement is cheap at a guinea; the sum offered is equivalent to a chambermaid's tip for a week-end at a second-rate hotel.—Yours faithfully,

ARTHUR MILLS.

Eastbourne.

—SIR,—Yet another sampling campaign has been sprung on the retail chemist; in this latest scheme the pharmacist is to hand out free samples, and is to supply goods at sixpence under retail price on presentation of a coupon. For this he gets—what? A guinea? Goods in exchange? A prize medal? He receives his sixpence back! It is an old and misused saying that "business is business"; but surely those chemists who encourage these schemes by falling in with them and asking for more are very shortsighted. May I ask those who have pushed these samples how many effective sales they have made of the actual goods at full prices?—Yours, etc.,

QUERIST (1/12).

Penalising Chemists

SIR,—The interpretation of the Dangerous Drugs Act becomes more involved with each new case which occurs. As you state in your article, "Penalising Chemists" (*C. & D.*, November 29, p. 786), the pharmacist may incur such serious penalties as to result in the closing of his business, without having committed any criminal action or without intent to defy the law. He may, for example, keep and sell *tr. camph. co.*, which contains morphine in a proportion below the percentage required, and so is outside the Regulations; but he cannot dispense a mixture containing one drachm of *tr. opii* in eight ounces, which is equally outside the Act, as he cannot legally stock the tincture of opium. Then there are also certain preparations which are specially exempted from the provisions of the Act; for example, *ung. gallæ c. opio*; a pharmacist who loses his authorisation presumably cannot make this preparation, as he cannot obtain *pulv. opii*, but I see no reason why he cannot purchase the ointment ready made from the wholesaler and retail it, as it is an exempted product. There should certainly

be some amendment of the Regulations so that inadvertent offences, such as omission to register sales or purchases, should be met by a fine of a small amount.

Yours faithfully,

AMELIORATION (1/12).

SIR,—I should like to supplement your article, "Penalising Chemists," if I may be allowed. You have already stated that the punishments inflicted on chemists are unnecessarily severe, and all those connected with pharmacy will agree with your views. What appears to me as an absurdity is that "dope" can still be procured just as easily as in the days before the Dangerous Drugs Act was passed. It is common knowledge that the Chinatowns of London and Liverpool, the nigger colony adjacent to Tottenham Court Road, are but three of the happy hunting-grounds of the traffickers; fabulous profits are being made by the alien scum. The police make some sort of effort to grapple with the evil; but in comparison what enterprise they show, and with what alacrity they drop upon the unfortunate pharmacist should he make a slip, perhaps through an oversight. The law punishes him with unnecessary rigour, and his act is published in the Press, often accompanied by remarks to the detriment of the whole trade. It is always thus: the men who have most to lose, and therefore do their best to avoid complications, are those who usually suffer the most for a single mistake. Legislation always seems to go "all out" for the retail chemists, and ultimately proves to swallow camels and strain at gnats. We have the Pharmaceutical Society, and, to give them their courtesy titles, the Chemists' Defence Association and the Retail Pharmacists' Union, all representative bodies of the pharmacists, and among the three there is not a blessed voice that can be raised to defend their subscribers in the Press. So far as I know, there is no instance of a letter having been sent to the conductor of the paper or journal that has published a misstatement of facts. Each body should have its publicity department, whose duty would be to collect data; I think that among the 10,000 retail chemists in the country every paper or journal of any note will have several readers, and these with only the asking would send marked copies, or else call attention to these misstatements. I should think also that wholesalers and manufacturers would willingly help in this co-operation. The P.A.T.A., I believe, are now alive to this necessity. I wonder how many chemists this winter will have trouble in convincing their customers that half-grain formalin tablets are not a deadly poison? The drug trade should be capable of managing its own affairs without any outside interference on the part of the Press; how long indignities are to be heaped upon us is merely a matter of guesswork. It may be argued that the Press which maligns chemists never publishes rejoinders. Unfortunately, this is so in the "stunt" Press, but in that case copies of the letters sent should be printed in the Society's official organ. In this way the Press may be shamed into giving chemists fair play. It is curious that a representative meeting in Edinburgh last week found nothing to talk about of greater interest to chemists than the pathology of disease—a thing outside the objects of the Pharmaceutical Society. True, these subjects are of interest to chemists, but they are on a par with a man starting to study for the Major before he has passed the Qualifying examination. This apathy exists all along the line. I have recently given thought to the steps that are being taken by the Retail Pharmacists' Union to submerge the Chemists' Defence Association. It is the latter which chemists want; most of them pay through their Pharmaceutical Committees for the prescription checking carried on by the Retail Pharmacists' Union, and have little use for the other "activities"—mostly requiring further payments. The C.D.A. is supposed to be an organisation quite independent of the Pharmaceutical Society; and the R.P.U. being formed to relieve the Society of those functions which did not come within scope of the Charter, is more allied to the Society than the C.D.A., although the staffs are the same. Does it mean that the Society is now alive

to the fact that their Charter is not sufficient to meet present-day requirements, but wish to obtain a closer alliance with the pharmacists; or does it mean a stronger organisation in the field against them? If the latter the Society should know the way to combat that. A little bird whispers that it is just another game of "battledore and shuttlecock," with the pharmacist as the latter, but I can hardly believe that. The solution of all the difficulties is easy to find: some new blood, by way of men who thoroughly understand both the manufacturing and retail sections of the drug trade, who also understand the art of genteel publicity, would not come amiss. It is well known that the R.P.U. is not making headway, and, however harmonious the branch meetings may appear, there is an undercurrent of feeling shown by the meagre attendances which are often reported. The Executive have now decided to submit a set of questions to the makers of new proprietaries, and replies are to be considered by the Union. Although there is a close alliance between the two, I should like to point out that this matter is one solely for the Proprietary Articles Trade Association. There is time for interference when the latter cannot get any satisfaction.—Faithfully yours,

C. DENBY DAY.

Mr. Sargeant's Balloon

SIR,—I was interested and amazed at the speech made by the President of the Pharmaceutical Society at a recent dinner, in the course of which he treated his hearers to a wonderful vision of huge buildings in Bloomsbury Square, to be erected at a cost of £200,000—subscribed by the members of the Society. From these buildings would thunder forth edicts for the control of pharmacy in all parts of the Empire, and statesmen and Governments would come and bow the knee in awe and reverence. No doubt he was loudly applauded by his hearers, who in the excitement of a convivial evening would not be in a very critical mood. So much for the vision, but what a shock when we turn to the reality. In the "Optician" for November 28 we find "Scrutator" writing on the Royal Commission on National Health Insurance, expressing surprise that in choosing the members of the Commission from all the various parties interested in National Health Insurance chemists alone have been left out and ignored altogether. What have the Pharmaceutical Society and the Retail Pharmacists' Union been doing to allow this to happen? Why have the chemists alone been let down again as usual? What becomes of the fantastic vision at the dinner party, when examined in the cold light of actual reality?—Yours truly,

LANCASHIRE (1/12).

Secret Remedies

SIR,—With your permission I should like to comment upon the sentence which concludes "Xrayser II's" remarks under "Patent-Medicine Legislation" in your issue of November 29. "Xrayser II" says: "But I see no reason why, where every supposed remedy is uncertain, anything that can possibly be of service should not be tried, or why a licence from a medical body should be required before a trial is made." These statements are all very well, providing those interested in introducing remedies to the public are honest in their regard for the public health. How would "Xrayser II" suggest trying the effects of a supposed remedy? Would he broadcast its wonderful virtues hit or miss, as most of the manufacturers of secret remedies do, or would he prefer to have the action controlled in the first place by a competent body who are in direct touch with the patients, and so able carefully to watch results? Compare the system under which the medical profession and even retail chemists work—always in personal touch with their public—with the system of extravagant broadcasting of secret remedies to an unseen public. Who can gainsay that legislation and licence are long overdue in order to control this system of amassing millions of pounds from an unsuspecting public? Chemists are subject to the operation of the Sale of Food and Drugs Acts. Secret-remedy manufacturers are immune. Why?

Who knows, under present conditions, apart from any supposedly beneficial effects, what harmful effects there may be from the uncontrolled consumption by the public of these remedies? Truth in advertising! Then introduce legislation to inflict penalties upon those advertisers who make extravagant claims for their goods which cannot be justified. It then follows that all formulas would have to be submitted to an authority for its approval and licence.—Yours faithfully,

MAURICE JONES.

Willesden, N.W.

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

"Peaceful Picketing"

Now that we are a trade union, could not something be done in the way of peaceful picketing of the welfare centres? I feel sure that if we organised a picketing week, our reproachful looks at some of our more wealthy ex-customers would send them back to our shops!—*A Sufferer* (29/11).

Two Veterans

The late Mr. Joseph Trinder, Cirencester, used to be in business in Pilgrim Street, Newcastle-on-Tyne. I knew him about 1880, but he left there, and has been in the Malvern district many years. Mr. C. E. Williams, St. Peter's Road, Great Yarmouth, who died recently, used to be with Savory & Moore. Mr. Williams was known by many people in all parts of the country through his "Little Liver Pills," for which he had a good sale.—*J. Pike*.

Legal Queries

Lexion (27/11).—In selling Part I poisons the purchaser must be known to the vendor or be introduced by someone known to both, and the usual formalities of the poisons book observed. In the case of poisons in Part II the article must be labelled with the name of the poison, the word "poison," and the name and address of the seller. Preparations containing poisons may be sold by post so long as the details specified above are carried out.

H. C. E. G. (28/11).—A dustman, in the employ of a borough council, dropped a dustbin upon the cast-iron railings in front of a house, with the result that one section of the railings was broken. The council repudiates liability for the damage, upon the ground that the dropping of the bin was an accident. Is this attitude justified? [If the dropping of the bin was purely accidental, the Council is under no legal liability for the damage done by their servant. The council would be held responsible only if it can be proved that the dustman was guilty of negligence.]

Kloffus (24/11) has for many years drawn his water supply from a well in the yard of the adjoining house. That house has recently been sold, and the new owner threatens to refuse to allow "Kloffus" to continue to draw water from the well unless "Kloffus" gives a written acknowledgment of his neighbour's ownership of the well or pays a small sum annually for the use of it. The deeds of the houses do not refer to the well. How does "Kloffus" stand? [In our view, if "Kloffus" and his predecessors have had free access to the well, for the purpose of drawing water, for upwards of twenty years, he cannot now be deprived of that right. If the well has been used for less than that period, we consider that "Kloffus" cannot enforce his right to a supply of water unless he can establish a definite grant of the right by the former owner of the premises in which the well is situated. If "Kloffus" accedes to his neighbour's demand his right to draw water at the well will cease, and he may be refused access at any time.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. C. D. (10/11).—A list of harmless red aniline dyes was given in the *C. & D.*, September 20, p. 438. We could not, however, without experiment tell you which of these will retain its colour when in contact with phosphoric acid.

E. T. R. (10/11).—SHAVING CREAM.—We do not know the composition of the shaving cream to which you refer. The following is, however, a non-lathering cream for shaving purposes, such as is employed in hospitals:—

Tallow	...	...	5iv.
White beeswax	...	...	5vj.
Hard soap	...	...	5v.
Powdered tragacanth	...	...	gr. xlv.
Starch powder	...	...	5ij.
Oil of lavender	...	...	℥ss.
Oil of lemon	...	...	℥ss.
Oil of rosemary	...	...	℥ss.
Water	...	...	ad 5xvj.

J. M. V. (South Africa) (10/11).—Your certificates appear to be such as will be accepted by the Pharmaceutical Society. You should send them to the Registrar, 17 Bloomsbury Square, London, W.C.1, and also give particulars of your apprenticeship, so as to be certain that this will be accepted as part of the curriculum. It is possible to work in a pharmacy and attend evening classes, though the work would be in present conditions be rather a severe physical strain.

J. O. K. (10/11).—PHAROAH'S SERPENTS are made of mercury sulphocyanide massed with tragacanth mucilage into pea-like masses. As the mercury salt is poisonous, care should be taken to distinguish them from pills by squeezing each mass into a small cone. The fumes when burnt are poisonous, and should not be inhaled.

Nunquam (10/11).—NAIL POLISH:—

Tin oxide	...	...	3 oz.
Zinc oxide	...	...	½ oz.
Venetian talc	...	...	½ oz.
Kaolin (osmo)	...	...	3 oz.
Carmine	...	...	5ss.
Ionone,	...	...	
Ylang ylang essence, of each	...	...	10 drops

The powders must be very fine and free from grit, and when mixed the powder should be passed through fine muslin. To make paste nail polish, the powder is massed with mucilage of tragacanth, the liquid variety is diluted with mucilage of tragacanth and spirit, equal parts.

A. R. (10/11).—ACCUMULATOR ACID.—To make sulphuric acid sp. gr. 1.210 for use in accumulators, add gradually one part by measure of pure sulphuric acid to four parts of distilled water and allow to become cold before placing in the accumulator.

Carpol (10/11).—MOTOR-CAR BODY POLISH.—Thinned beeswax and turpentine or a furniture cream are generally satisfactory. We are not acquainted with the variety you mention.

N. F. S. (10/11).—ESTIMATION OF LEAD.—The B.P. process for detecting small amounts of lead is the best of its kind that has been devised. It was worked out for the Pharmacopœia authorities by Mr. C. A. Hill, B.Sc., of The British Drug Houses, Ltd.

R. L. G. (11/11).—(1) MASSAGE CREAM.—The two varieties are illustrated by the following formulas:—

I		II	
Powdered tragacanth	5ij.	Lanolin	...
Glycerin	...	White soft paraffin	5iij.
Zinc oxide	5ij.	Zinc oxide	...
Rose water	5xij.	Tincture of benzoin	5j.

(2) LOCAL ANÆSTHETIC FOR MINOR FRACTURES.—Decoction of poppies and chamomiles used hot is the best soothing application in the cases referred to, but cannot often be used, owing to the splinting and bandages.

P. & L. (11/11).—It is not unusual for the price of a powdered drug to be less than the whole drug as offered in wholesale drug lists and priced in the *C. & D.* Retail Price List. This is because broken drug can be used for powdering, whereas for retail sale the largest pieces are selected.

O. S. (11/11), *W. H. C.* (17/11) and *R. D.* (13/11).—BAY RUM.—The following is a formula for bay rum made with industrial alcohol that has been passed by the Board of Customs and Excise:—

Oil of bay	...	...	5x.
Oil of pimento	...	...	3j.
Extract of quassia	...	...	5j.
Saponin	...	...	5ij.
Acetic ether	...	...	5ij.
Industrial spirit	...	...	℥ij.
Water	...	...	℥ij.

Dissolve the oils and acetic ether in the spirit; separately dissolve the extract in the water and gradually add this to the spirit solution; add the saponin and set aside for eight days, then filter.

M. & Co. (12/11).—ELECTRIC LINIMENT, P.F. 1:—

Rad. anchusæ	...	...	5ss.
Pulv. capsici	...	...	5j.
Ol. terebinth.	...	...	℥j.

Macerate seven days, filter and add:

Ol. camph. ess.	...	...	℥j.
Ol. sassafras	...	...	5j.
Ol. origani	...	...	5ss.
Methyl. salicyl.	...	...	5ij.

J. C. C. (13/11).—HYDRASTINE SULPHATE is used in medicine in doses of half to one grain. Hydrastine (alkaloid) and hydrastine hydrochloride are official in the United States Pharmacopœia, where the dose is given as ¼ grain. The dose in the recipe you send is large, and perhaps refers to the resinoid hydrastin, which is given in doses of two to five grains.

R. T. C. (14/11).—BOOKS ON MICROSCOPY.—The following cover the subjects you mention: Heath's "Beginner's Guide to the Microscope" (Marshall, Is.); Dowdy's "The Microscope" (Soman, Norwich, 5s. 6d.); Cross & Cole's "Modern Microscopy" (Baillière, 10s. 6d.). The suggestion you make will be considered.

Exeter (14/11).—(1) It is not unusual to give amm. carb. in ten-grain doses in pneumonia. The mixture requires diluting when taken by the patient. (2) The formulas you require will be supplied if you send your name and a stamped envelope.

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," December 15, 1874.

Tooth Brushes and Tooth Powders

[From an article on "Dental Pathology," by Dr. Foster Flagg, Philadelphia.]

Cleanliness is well known to be exceedingly desirable in this direction, not only from the standpoint of comfort to oneself, but, as well, for the obtaining of a greater degree of acceptability to those with whom we are brought in contact. The improved appearance of the denture, the improved odour of breath, the absence, or at least diminution, of general or local sensibility, are all arguments in favour of this preventive of decay, even were it not notably an absolute necessity, as a general rule, for the preservation of the teeth; but my observation has led me to think that enlightened nations do not possess in their ordinary use (or perhaps I should say *abuse*) of the tooth brush nearly so good a means for arriving at this result as, possibly, the rubbing-sticks, and other means of dental cleanliness, which are adopted by nations which we classify as merely civilised, or rank even so low as savage. This conclusion has been reached as year after year I have had brought to my notice dentures the appearance of which, together with the excellent condition of surrounding gum-tissue, having called forth my admiration, I have been astonished (much more so formerly than recently) to find upon questioning, that it would be hesitatingly and apologetically admitted that the teeth were never brushed, and that the only cleansing was a good rinsing after meals.



[Commenced C. & D., July 5, 1924]

Bee Stings.—The application of dilute solution of ammonia or sodium bicarbonate in powder to the site of the sting is the most effective treatment.

Beef and Iron Wine, Sale.—A registered chemist and druggist is allowed to sell medicated wines without licence where, in the opinion of the Commissioners of Customs and Excise, they are so medicated as to be unfit for use as a beverage. The regulations require that the wine must be prepared in accordance with the directions given in the British Pharmacopœia, and that the label on the bottle shall show in what quantities the medicated wine is to be taken. Otherwise, a justices' licence with an ordinary wine "off" excise licence must be held for the sale.

Beer, Home-Brewed, Regulations.—A person who occupies a house of an annual value not exceeding £8 may obtain without payment of duty a licence to brew, between April 30 and August 31 in any year, a quantity not exceeding two bushels of malt or its equivalent for his own use. If the house occupied by such a brewer is of an annual value not exceeding £10 he must take out a licence costing £1 5s.; where the annual value of the house exceeds £10 but does not exceed £15, the licence costs £2 10s. The beer brewed by such a brewer must be for his own domestic use or for consumption by farm labourers in his employment. In any other case, the beer is chargeable with beer duty, but the licence duty is only 4s.

Beer and Wine: Legal Difference.—Beer is defined by law to include ale, porter, spruce beer, black beer, and any other description of beer, and any liquor which is made or sold as a description of beer or as a substitute for beer, and which on analysis of a sample thereof at any time is found to contain more than 2 per cent. of proof spirit. Wine is defined as wine imported into Great Britain or Ireland.

Belgium.—The exercise of pharmacy in Belgium is still largely regulated by the provision of a law passed in 1818, when Belgium and Holland formed a single kingdom. After attending the prescribed course of study at a Belgian university and obtaining the State diploma of "pharmacien," the holder is entitled to acquire an existing or open a new business in any part of the kingdom; however, although medicines and remedial agents of all kinds may be sold only by pharmacists, medical practitioners have in certain cases the right to deliver medicines to their own patients. According to the latest available figures, there are in Belgium 1,930 pharmacies, or one for every 3,412 inhabitants, while 863 doctors, of whom 650 practise in parishes where there is no pharmacy, dispense medicines. The last edition, the third, of the Belgian Pharmacopœia appeared in 1906, and a supplement was issued in 1912; it is published in Latin and in French, the two parts forming one volume. The task of preparing this work was entrusted by the Government to a commission consisting of seven members, including one pharmacist in business, two professors of pharmacy, and two inspectors of pharmacies; at the same time the various medical and phar-

maceutical associations were invited to co-operate in the work of preparation. The inspectors of pharmacies—all pharmacists—are government officials charged with the supervision of the traffic in medicines and the periodical inspection of all pharmacies; it is their duty to see that the various laws and regulations affecting the sale of medicines, etc., are duly observed; in addition, they act as advisers to the Government in matters relating to pharmacy. The "Nationale Pharmaceutique" is the officially recognised professional organisation; among its activities figure the—non-official—control of specialities and price protection. The Belgian pharmacist is legally responsible for every preparation he sells, and in order to provide a safeguard when supplying products of unknown composition, or for which there is no legal standard, the "Nationale Codex" was instituted by the Nationale Pharmaceutique. It is based on a contract entered into between the manufacturers and the organisation, whereby the former binds himself to supply a product answering a definite standard, or, in the case of proprietary preparations, not to alter the composition disclosed to this body. If approved by the "Nationale Codex," the preparation is registered, and a special stamp is affixed to each package, to denote that it answers the requirements of the "Règlementation Codex." (This form of domestic control over specialities lost its *raison d'être* with the promulgation of the Royal Decree of 1920—see below.) In addition, the "Nationale Codex" has undertaken the elaboration of standards, on pharmacopœial lines, for non-official products; the single articles of this extra pharmacopœia are published in the "Journal de Pharmacie de Belgique" as they are completed. The "Règlementation Nationale" is a price-maintenance scheme whereby pharmacists are assured a definite minimum profit on proprietary preparations. With regard to pharmaceutical specialities and trade-marked chemical products, a Royal Decree of 1920 stipulates that all the ingredients present must be declared on the label, using the designations adopted in the Belgian pharmacopœia, or, in the case of non-official products, the names in current use, excluding chemical formulas. If the preparation contains a potent drug, the amount of the latter, in milligrams, must also be stated. These disclosures have to appear in all printed matter relating to the speciality in question. Preparations intended for internal use may be delivered only in round or oval bottles, the use of "polygonal" bottles for this purpose being expressly forbidden by the Royal Decree of 1922, which also stipulates that medicines for external use may only be supplied in amber-tinted bottles having eight panels of equal size, with the words "Usage Extérieur—Uitwendig Gebruik" blown in relief in the glass, in addition to affixing a red label bearing the same words. This does not apply, however, to bottles of over 1,000 c.c. capacity. These regulations concerning containers apply without distinction to all remedies, whether dispensed on a prescription or put up as specialities. Compound medicines, preparations in doses, and pharmaceutical specialities pay an *ad valorem* duty of 15 per cent., calculated on the retail price stated on the container, on admission into Belgium. If no sale price appears on the package the chargeable value is assessed by the customs authorities. In the case of preparations containing alcohol the duty may not be lower than that chargeable on alcoholic preparations, the rate of duty on the latter ranging from 150 francs to 3,000 francs per 100 kilograms, according to the percentage of ethyl alcohol present, the duty being levied on the gross weight of the package. The Belgian tariff of 1924 contains specific rates of duty for a wide range of chemical products.

Belladonna.—Deadly nightshade (*Atropa Belladonna*) grows wild in many southern European countries. It has long been cultivated for medicinal use in England and on the Continent, and of late years in the United States of America. (For illustrations and details of

The C.&D. Commercial Compendium

cultivation see *C. & D.*, I, 1924, pp. 306 and 593.) War-time demands led to a considerable extension of cultivation; but most of the newcomers have ceased growing the herb, as only firms with long-established reputations can obtain prices that pay for English belladonna leaves (and the green extract or juice made therefrom). All parts of the plant contain the alkaloids (hyoscyamine and atropine 0.2 to 0.8 per cent.), but the commercial products consist either of leaves (without stems) or of roots (including rhizomes) only. Bales of belladonna leaves have been refused entry into the United States on the ground that they contained added stems (27 per cent.), though these contained nearly as much alkaloid as the leaves. We deal with leaf and root drug separately in order to minimise confusion between their respective commercial products.

Belladonna leaves of commerce, if collected in England, are sometimes obtained from the wild and sometimes from the cultivated plant of *Atropa Belladonna*, L. It grows on calcareous soil, either chalk or limestone, but always more or less in the shade. When cultivated on open chalky or calcareous soil the plant is less robust, and in dry summers makes less vigorous growth; probably for this reason the dried leaves of the wild plant are official in the P.G. The plants in the fresh state are cut down and sold usually from the second week in June to the second week in July during the time that the plant is in flower. The best of the leaves are then picked off and dried and the remainder of the plant used for extract and tincture. The U.S.P. permits the use of leaves and tops, with not more than 10 per cent. of stem. The percentage of alkaloid in the leaves has been found to vary from 0.2 to 0.8 per cent., but an average of 0.3 has been recognised by the B.P. and the U.S.P. The lower portion of the stem, especially where the leaves have turned yellow and withered, is usually left standing, and in September young leafy shoots arise from the nodes. These are sometimes sold attached to the slender stalk, but are smaller. The leaves appear to vary in strength as the plant continues to flower; the upper part and the young leaves near the flowering tops then contain more alkaloid than the lower leaves. The leaves will vary in colour according to the season. If dry and exposed to sun they will be darker in colour. Plants having dark stems are said to be less rich in alkaloid. The leaves are always difficult to dry in large quantities at a time, as the smooth surfaces have a tendency to cling together, especially if not gathered in dry weather and if not subjected to a current of air sufficient to lift them and keep them apart when drying. The green extract of belladonna (B.P. 1898) retains its popularity (despite the fact that it is no longer official) mainly because midwives still prefer the old green belladonna plasters, or green glycerinum belladonnæ, for arresting mammary secretion. The green extract (now generally standardised to 1 per cent. of alkaloids) is also commonly prescribed in pills containing purgatives, because it diminishes tendency to griping. The green extract is made from juice expressed from fresh (unfermented) leaves, the chlorophyll, separated out after gentle heating to coagulate, being added to the finished extract. The colour of the extract is an excellent guide to care in preparation and a higher proportion of unchanged hyoscyamine, which acts more powerfully on nerve-endings than the atropine into which it is transformed. Belladonna juice, preserved by adding one-third of its volume of rectified spirit, is now in small demand. Pulv. fol. bellad. Ang. has a reputation of its own, being made from selected leaves from plants in flower, carefully dried to preserve colour. They are exported (largely to the United States) in airtight sealed tins. The official dry extract of belladonna leaves (ext. belladonnæ alcoholicum or siccum) is made from dried leaves of belladonna. The cheaper Continental leaves are used largely for this

purpose; and though this brown extract contains 1 per cent. of total alkaloids, the therapeutic activity for internal administration varies according to relative proportions of hyoscyamine and atropine. All preparations of belladonna leaves, whether dry extract or powdered leaves, should be obtained from reputable growers or drug houses, because sophistication is not unknown (see substitutes below). Extractive (to correct alkaloidal value) from the much cheaper Egyptian henbane (*Hyoscyamus muticus*) has been added to both henbane and belladonna extracts. This is difficult to detect, especially as old or exhausted leaves are added to make up to bulk. Tincture of belladonna (B.P. 1914) is also made from dried belladonna leaves and contains 0.035 per cent. of alkaloids. The leaves imported from the Continent of Europe have been found to be adulterated with the leaves of *Scopola Carniolica*, which, however, are a darker-green colour, of thinner texture, and more strongly reticulated with veinlets. Those of *Phytolacca decandra* have also been found mixed with belladonna leaves imported from Bosnia. Belladonna leaves are so depreciated in value by Continental competition that it only pays to cultivate the plant in this country if, in case of difficulty of selling, it can be turned at once into extract or tincture. The phytolacca leaves can be detected if a small particle of the leaf be soaked in solution of chloral hydrate, and put under the microscope, when needle-like crystals will be seen, especially near the veins, instead of the round cells, filled with sandy crystals that give the appearance of blackish dots in the tissue. The epidermal cells of belladonna leaf are sinuate and striated, while those of phytolacca are polygonal. The leaves of *Ailanthus glandulosa* have also been found mixed with Continental belladonna leaves, but these contain cluster crystals and have unicellular hairs, and, in the unbroken leaf, glands will be found terminating the lower lateral veins of the leaves.

Belladonna Poisoning, Antidotes.—Belladonna poisoning occurs from time to time through children eating the ripe berries, which are black, shiny, and about the size of a cherry. Liniments containing belladonna have also been taken by accident or intention. The symptoms of belladonna poisoning are those of poisoning by atropine, namely, delirium, dilated pupils, great dryness of the throat (with thirst). The emergency treatment consists in giving an emetic or using the stomach tube and afterwards administering hot coffee. The circulation should be kept up by warmth. Other treatment consists in the administration subcutaneously of pilocarpin. nit. gr. ss., repeated if pulse improves; also spt. amm. arom. ʒj. in water. Artificial respiration may be required. The statistics of fatal poisonings in England and Wales for the years 1882 to 1916 show that accidental poisonings by belladonna and atropine, taken together, are ninth in order of frequency, the mean annual average being 6.37, and the highest figure for any one year 12 (in 1893). Since 1916 the highest number has been 7 (in 1921). The corresponding figures for suicidal poisonings are the fourteenth place (annual average, 3.6), 8 in 1913, and 5 in 1921. Poisonings by the berries or other parts of the growing plant are not included in our statistics.

Belladonna, Sale of.—Belladonna and all preparations or admixtures (except belladonna plasters), containing 0.1 or more per cent. of belladonna alkaloids, are in Part I of the Poisons Schedule of the Poisons and Pharmacy Act, 1908. This includes belladonna alkaloids (atropine and hyoscyamine), ext. belladonnæ sicc. (1 per cent. or $\frac{1}{10}$ per grain; below that, Part II), ext. belladonnæ liq. (0.75 per cent. or diluted 1 in $7\frac{1}{2}$, more diluent, Part II); lin. belladonnæ (0.375 or diluted 1 in $3\frac{1}{2}$, more diluent, Part II); supp. belladonnæ ($\frac{3}{32}$ gr. in 15 gr. or 0.11 per cent.); ung. belladonnæ (0.6 per cent. or diluted 1 in 6, more diluent, Part II). Belladonna plasters, which are an exception in the case of Part I preparations, are, however, in Part II of the Poisons Schedule.

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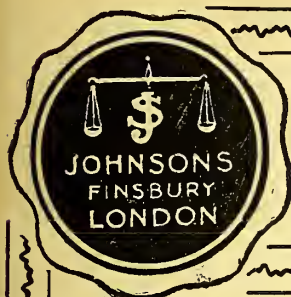
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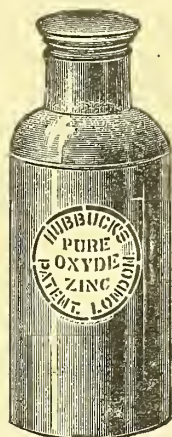
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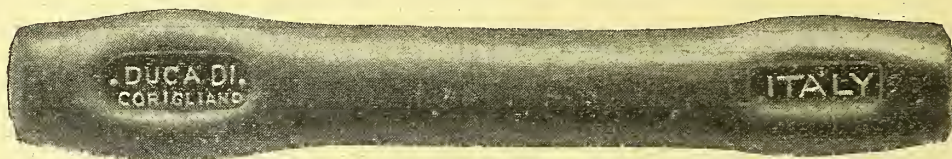
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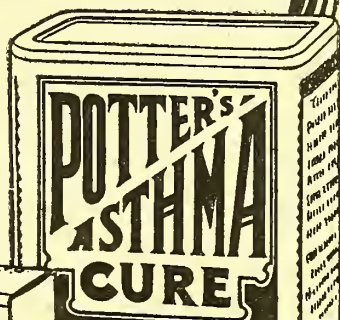
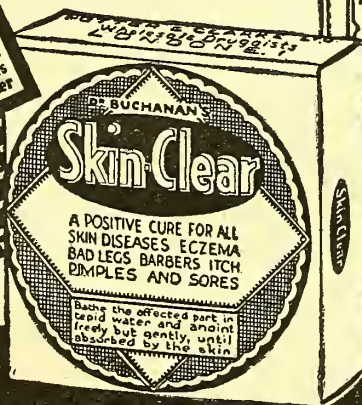
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BIRMINGHAM



CHOCOLATE

Trade Mark **‘ IODOSTARIN ’** Brand

TARIRIC ACID DI-IODIDE

TABLETS

(Sometimes called "IODISED CHOCOLATE.")

Officially ordered in Switzerland and in several of the United States of America for the prevention and treatment of SIMPLE GOITRE.

PROTECTED BY THE P.A.T.A.

AT

Wholesale Price -	- 2/8	}	Boxes of 50 Tablets.
Retail Price -	- 3/7		

Chocolate 'Iodostarin' Tablets are the original and only Iodised chocolate tablets adopted by the public health authorities of the above countries after extensive trials with other preparations.

They ensure the administration of *definite* quantities of an *organic* iodide.



Obtainable through Wholesale Houses, or direct from

THE HOFFMANN-LA ROCHE CHEMICAL WORKS LTD.,

7 & 8 Idol Lane, LONDON, E.C.3.

ASTHMOLYSIN

A carefully adjusted combination of the Suprarenal and Pituitary glands prescribed hypodermically.

Gives prompt and lasting effect in Asthma, acute and chronic. Now being extensively advertised to the Medical Profession and Hospitals. In boxes of 10 ampoules each 1 c.c. Retail 10/-

ZEDENO Sheath Bandage

A radical cure of Varicose Veins and Ulcers without rest in bed. Two complete dressings in box. Retail 3/6

IDOZAN

A Colloidal Iron Concentrate containing 5% pure Iron. A teaspoonful 3 times a day is the equivalent of 30 Bland's Pills.

KATHIOLAN

The 24-hour treatment for Scabies.

We invite Chemists to write for literature on above.

CHAS. ZIMMERMANN & CO. (Chem.) Ltd. Med. Dept.
9-10 ST. MARY-AT-HILL, LONDON, E.C.3

WHELPTON'S

PILLS, OINTMENT, EMBROCATION.

Face **P.A.T.A.** Value.

A Thirty-shilling Parcel shows
26% PROFIT ON SALE.

Through your Wholesale House, or, Cash with Order (carr. paid) from
G. WHELPTON & SON, LTD., Hemel Hempstead, Herts.

MELROSE TABLETS

FOR CHAPPED HANDS
A VERY PROFITABLE SELLING LINE.

Chemists' prices carriage paid.
2d. tablets 1 1/4 dozen, 15/- gross.
3d. tablets 2/- dozen, 6d. tablets 4/- dozen.
Melrose Cream, in jars—
8d. size 6 3/4 dozen.

ROBERTS & SHEPPEY
2 Skipton Street, - LONDON, S.E.1.

Riedel's (J. D. Riedel, A.G.)

Pharmaceutical Preparations

Are World Renowned.

THIOL, dry and liquid, GONOSAN,
NEO-BORNYVAL, etc. etc.

Sole British Agents:

W. DEDERICH, LTD.
Imperial Buildings, Ludgate Circus, E.C.4

GOITRE

RHEUMATOID ARTHRITIS, OBESITY, BACKWARD DEVELOPMENT, STERILITY, GENITAL DYSFUNCTION, MENTAL INERTIA and the many other conditions arising out of Iodine deficiency.

The following Iodine preparations are now manufactured (similar to those now officially ordered for prevention and treatment in Switzerland and several of the United States of America) by—

IODISED SALT -

Messrs. FRANCIS NEWBERY & SONS, Ltd., London.

Messrs. BOOTS PURE DRUG CO., Ltd., Nottingham.

Messrs. GEORGE HAMLETT & SONS, Ltd., Cheshire.

IODISED CHOCOLATE -

HOFFMANN-LA ROCHE CHEMICAL WORKS, Ltd., London.

IODISED SWEETS

Messrs. BOOTS PURE DRUG CO., Ltd., Nottingham.

TO THE RETAIL CHEMISTS and DRUGGISTS of GREAT BRITAIN

FOR some time past the "Wampole" Brand Specialities have been regularly detailed and sampled to the Medical Profession of Great Britain with the result that the demand has increased greatly and is steadily growing. All chemists should have these well-known preparations on hand in order to be able to fill promptly physicians' prescriptions.

The leading wholesale druggists of England are carrying a full stock of our preparations, and can therefore fill orders promptly from retail chemists at the following prices:

	Per Dozen	Suggested Price to Consumer
Cod Liver Preparation, 16 oz. stamped	76/-	8/-
Cod Liver Preparation, 8 oz. stamped	42/6	4/6
Phospho-Lecithin, 16 oz. unstamped..	70/6	8/-
Phospho-Lecithin, 8 oz. unstamped ..	38/6	4/6
Creo-Terpin, 16 oz. unstamped	80/-	9/-
Creo-Terpin, 8 oz. unstamped	43/-	5/-
Magma Magnesia, 16 oz. unstamped..	26/6	3/-

MADE IN CANADA BY

HENRY K. WAMPOLE & Co., LTD.

Manufacturing Pharmacists,
PERTH, ONTARIO, CANADA.

British Distributors:—
FRANCIS NEWBERY & SONS, LTD.,
LONDON, E.C.1.



BAISS BROTHERS & Co. Ltd.

Established 1833

GRANGE WORKS, LONDON, S.E.1

Wholesale and Export Druggists, Manufacturing Chemists and Druggists' Sundriesmen.

Telephone: Hop. 4362 (3 lines).

Telegrams: "Ipecac, London."

PREPARE FOR YOUR WINTER TRADE
AND NEVER BE OUT OF STOCK OF

The "WORLD WIDE" EMBROCATION

THERE IS NOTHING BETTER ON THE MARKET.

It is tastefully packed in Red Cartons with attractive Label, and is always a good seller.

3 oz. 7/6 doz.

6 oz. 10/6 doz.

Customer's own Name, etc., printed on all Labels and Cartons.

DELIVERIES BY OWN MOTOR SERVICE IN THE HOME COUNTIES, INCLUDING COAST TOWNS.

*To Qualified Chemists only.***VICK BRAND
HOUSEHOLD REMEDIES**

P.A.T.A. PROTECTED PRICES

VICK BRAND vapour rub		2/6	-	22/6	per dozen net
(6 dozen less 5%: 12 dozen less 7½%)					
VICK BRAND influenza tablets		1/3	-	11/3	„
VICK BRAND healing oil		2/-	-	18/-	„
VICK BRAND laxative tablets ...		1/3	-	11/3	„
VICK BRAND vapour spray		4/6	-	40/6	„
¾-oz. bottle with Atomizer					
VICK BRAND vapour spray		4/6	-	40/6	„
3-oz. bottle without Atomizer					

*Can be obtained from all Wholesalers, or direct from the DISTRIBUTING AGENTS:—***NEWBERYS' AGENCY**

(F. Newbery & Sons, Ltd.)

31-33 BANNER STREET**LONDON, E.C.1**

N.B.—It is illegal for grocers, drysalters, herbalists, patent medicine vendors, or anyone except qualified chemists to sell VICK BRAND products.

SUGAR OF MILK*ITALIAN.***FINEST WHITE POWDER.**

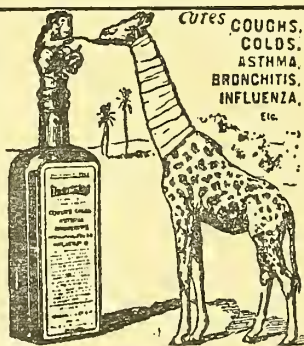
Odourless.

Brilliant White.

*Meets all B.P. requirements.***POLENGHI BROTHERS, LTD.****72 & 74 TOOLEY STREET, LONDON, S.E.1.***Delivery from Stock in London.***WRITE FOR SAMPLE AND PRICE.****It will pay you to stock them!**

When the public demand goods bearing a specified name the wide-awake retailer prepares to meet that demand and so reap the benefits which follow.

IGLODINE is fast becoming a household word, and the public, through satisfaction which comes after trial, are demanding IGLODINE PREPARATIONS. Are you the retailer who is preparing to meet the demand?

Iglodine.*Write to-day for full particulars to:***THE IGLODINE CO., LTD. - Newcastle-on-Tyne.****"No case too bad!"****THE MERITS OF
Licoricine****IT DOES WHAT IS
CLAIMED FOR IT****IT SATISFIES
THE PUBLIC****IT BRINGS PROFIT
TO THE RETAILER**

10½d. size, 8/6 doz. net. 1/3 size, 12/- doz. net. 3/- size, 27/- doz. net. £2 worth carriage paid, £6 and upward 5% discount. Minimum Retail as above. Profit 4d. in the 1/- on £6 lots.

Send P.C. for liberal supply of counter bills & advertising novelties. *Don't hesitate but write to-day.***MANDALL & COMPANY, LTD.****17-23 STEPNEY ROAD
NEWCASTLE-ON-TYNE**

NOW
READY

Season 1924/5



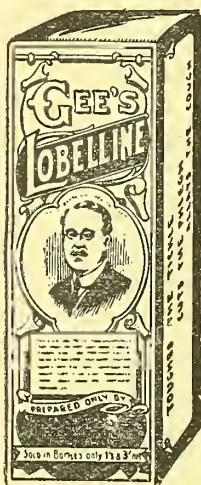
BEAUTIFULLY PRINTED in COLOURS. SIZE 15" by 13½"
CARR. PAID ON RECEIPT OF POSTCARD.

NOTE Our Winter's Newspaper
Advertising Campaign is as
Strong and Forceful as ever.

C. E. FULFORD, LTD.....LEEDS

ARE YOU?

ARE you getting your share of Lobeline customers, or are you letting your competitor get ahead of you? Wherever the familiar red, white and blue Lobeline carton and display matter are on view, depend upon it a live chemist is making good profits and more satisfied customers. Sooner or later you, too, will sell Lobeline. Why not *now*? Make a note to write for generous Trade terms of this well advertised, profitable line. **IT WILL PAY YOU!**



**Big
National
Advertising
scheme
NOW IN
FULL
SWING!**
*Order your
supply of
Lobelline
NOW ready
for the big
demand.*

GEE'S
LOBELLINE
The Great Lung Preserver
FOR COUGHS & COLDS

Bottles 1/3, 3/4, 5/8, P.A.T.A.
Lozenges 1/3 & 3/4 P.A.T.A.

Sole Proprietors :—

SQUIRE & CO.
BIRMINGHAM LTD.
Stirchley Laboratories,
BIRMINGHAM

P.A.T.A. NOTICE

18 Tavistock Square, London, W.C.1

December 6th, 1924.

The following additions and alterations to the Protected List have been approved by the council:

BOURJOIS et CIE, LTD.:	M.R.P.	M.W.P.
No. 26 Extract "Ashes of Roses" ...	15/-	120/-
No. 2518 " " " " " " " " " " " " " "	27 6	210 -
No. 5-bis " (In Baccarat bottle) ...	45 -	360.-
I/6 "Ashes of Roses" Sachets in exquisite satin envelope (packed 1 dozen in display box)	1 6	12'-
I/- "Ashes of Roses" Cachous in dainty gilt box packed in counter display box of 1 dozen	1/-	8' -
No. 4002 "Ashes of Violets" Bath Dusting Powder	5 6	44/-
No. 4003 "Ashes of Violets" Crystals	4 6	36 -
No. 4006 " " " " " " " " " " " " " "	2 6	20 -

DAE HEALTH LABORATORIES:

The entry on page 8 of the November "Anti-Cutting Record" should read:—

3/6	Veet	3 6	24/-
	Bonus of 13 to doz. on 3 doz. lots for window display.		
1/6	Veet (new size)	1 6	12/-
	The above prices to retailers are subject to a discount of 5% for cash in 14 days.		

MEGGESON & CO., LTD.:

1/-	Sore Throat Lozenges	...	...	1/-	6/6
1/9	"	"	"	1/9	12/6

1/3	Jccomalt (new size)	...	...	1/3	11/3
4/-	"	...	...	4/-	36/-

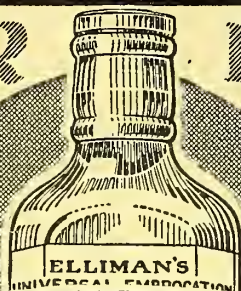
T. W. CULMER & SONS:			
Culmak	Junior Shaving Brush	...	2/6 21/-
"	Senior " "	...	5/- 42/-

WILLIAM S. GLYN-JONES, Secretary.

DUTCH
Sugar
of Milk.
"THE BEST"

**HOLLANDSCHE
MELKSUIKERFABRIEK
Amsterdam.**

RE-ENTER ELLIMAN'S



WE ARE ANNOUNCING THE RETURN
OF ELLIMAN'S EMBROCATION OVER

106
MILLION
TIMES
WITHIN ONE MONTH!

Within one month nearly 107 million copies of Elliman's advertisements will have been distributed to the public through the press.

Every one of this vast number of advertisements announces the return of the Nation's Embrocation and urges the public to go to their chemists for supplies.

You must not let this chance of "tying-up" with such nation-wide advertising go by. If you are one of the few chemists who have not yet re-stocked this wonderful seller—place your order NOW.

Full details and terms obtainable from your Wholesaler, or direct from Elliman, Sons & Co., Slough, Bucks.

ELLIMAN'S TERMS to the TRADE

UNIVERSAL EMBROCATION

(For Human Use)

2/- size ... 19/2 per doz.
4/- size ... 38/5 ..

ROYAL EMBROCATION

(For Veterinary Use)

1/6 size ... 14/5 per doz.
2/9 size ... 26/5 ..
4/6 size ... 43/2 ..

CARRIAGE PAID TO DESTINATION

In consideration of a window display, for which we supply attractive material free of charge, retailers upon purchasing a parcel to the value of £5 or over, or not less than 6 dozen bottles of any size, will be allowed 5% discount on the above prices. Monthly settlements.

PLACE YOUR ORDER AT ONCE

*Gigantic
Advertising!*

**SEE YOU STOCK
THE GOODS**

ELLIMAN, SONS & CO.
SLOUGH

Petroleum Jelly

White, Yellow, Amber,
& Ruby Red, for all
Pharmaceutical and
Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.
LIVERPOOL · LONDON · MANCHESTER · LEEDS.

PETROLEUM JELLY.

Gough, Kidston & Co.

*Chemical Manufacturers,
Tanning & Dyewood Materials & Extracts,
Gum & Wax Merchants,*

Tel. No.:
Royal 2666 and 2667.
Tel. Add.
"Kidstonism,
Bilgate, London."

43/45 Gt. Tower Street, London, E.C. 3

WORKS:
BERMONDSEY.
Tel. No.: Hop 2029.

ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED

IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

Carnwath Road, Fulham, London, S.W.6.

Telephone: Putney 42.

WHO INVITE ENQUIRIES. Telegrams: "Batapo, Walgreen, London."

**THE STANDARD
OF PURITY
STERNS
LIQUID**

PARAFFIN B.P.

Colourless, Tasteless, Odourless.
All Specific Gravities.

**PETROLEUM
JELLIES B.P.**

White, Lemon, Yellow, Amber,
Red, Green.

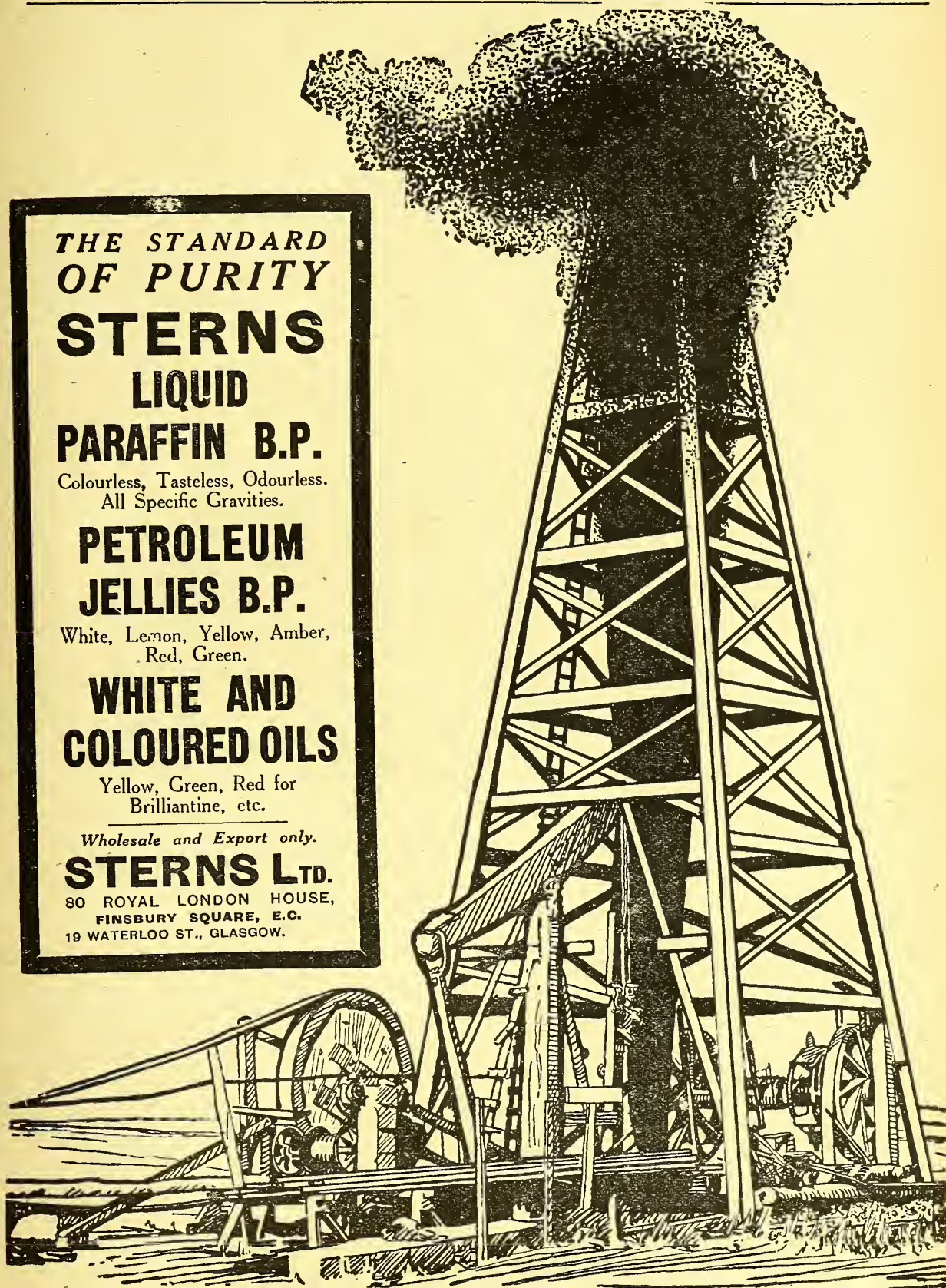
**WHITE AND
COLOURED OILS**

Yellow, Green, Red for
Brilliantine, etc.

Wholesale and Export only.

STERNS LTD.

80 ROYAL LONDON HOUSE,
FINSBURY SQUARE, E.C.
19 WATERLOO ST., GLASGOW.



The Highest Standard of Quality



We invite your enquiries for

PETROLEUM
JELLY

White
Yellow
Red

CASTOR OIL

FINEST COLZA
OIL

LINSEED OIL

REFINED
COTTON OIL,
EDIBLE

ROSIN

American
French

TURPENTINE

Genuine American
Spirits
Substitute

SPERM OIL

NEATSFOOT OIL

OLIVE OIL

WHITE OILS

COD LIVER OIL

NUT OIL,
FINEST

Edible Arachide

LUBRICATING OILS of all descriptions

Wholesale only

JAMES ARNOTT & SONS, Ltd.

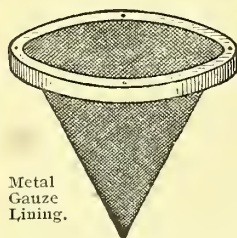
Send for Prices and
Samples. Write us
soon . . . To-day—
Thank you!

HEAD OFFICE:

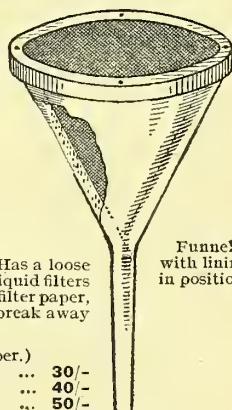
47 Pilgrim Street
NEWCASTLE-ON-TYNE



JACKSON'S PATENT RAPID FILTERING FUNNEL



Metal
Gauze
Lining.



Funnel
with lining
in position.

Filters in half the usual time. Has a loose inner metal gauze lining. The liquid filters the whole depth of the inserted filter paper, which is supported and cannot break away at the point.

PRICES. (Tinned Copper.)

Quart ...	10/6	2 gallon ...	30/-
½ gallon ...	15/-	3 gallon ...	40/-
Gallon ...	23/-	4 gallon ...	50/-

Jno. P. JACKSON & Co., Ltd.

ENGINEERS AND COPPERSMITHS,

MAKERS OF BOTTLING, CORKING, FILTERING
AND TUBE FILLING MACHINES,

POWNALL SQUARE, LIVERPOOL.

FRANCIS F. FOX & CO. BRISTOL

LINSEED OIL
TURPENTINE
FINE OLIVE OILS
COPPER SULPHATE
CRUSHED LINSEED
&c.

PRICES ON APPLICATION.

Telegrams: "Fox, Bristol." Telephone: Bristol 19

Telephone—VICTORIA 7533 (4 lines).

Telegrams—"Dicotto, Sowest, London."

W. B. DICK & CO., LTD.
26 Grosvenor Gardens, London, S.W.1
 Works : LONDON, LIVERPOOL, GLASGOW

PARAFFINUM LIQUIDUM B.P.

S.G. 890/5. Guaranteed to remain bright at 0°C.

White and Half White Oils
B.P. White and Yellow Petroleum Jellies

QUOTATIONS & SAMPLES will be sent on application.

Russolax
REGISTERED TRADE MARK

Russian Medicinal Paraffin

*Recommended by the most eminent
 Surgeons and Physicians for Chronic
 Intestinal Stasis (Chronic Constipation).*

OBTAINABLE AT ALL CHEMISTS
 AND STORES IN 10-OZ. AND 20-OZ.
 PANEL BOTTLES.

Sole Manufacturers:

Reddgrave, Butler & Co., Ltd.
Liquid Paraffin Specialists,
FOREST LANE, STRATFORD, E.15

PETROLEUM JELLY
 ("SALVO PETROLIA")
 BRAND

THE PERFECTION OF PETROLEUM JELLY.
 MANUFACTURED SOLELY BY

THE DEE OIL CO. LD.
D 23 & 24 EXCHANGE BUILDINGS
LIVERPOOL

TELEPHONE: **CENTRAL 3859** TELEGRAMS: **CESTRIAN**

LONDON OFFICE
 49 LIME STREET, LONDON, E.C.3. PHONE AVENUE 2885

**PACKED IN BARRELS, KEGS OR
 SMALLER PACKAGES IF DESIRED.**

OTHER GRADES OF
 PETROLEUM JELLIES, WHITE BASES ETC.
WHITE OILS B.P. & Technical Qualities
 SAMPLES & PRICES ON APPLICATION

PETROLEUM DEELINÆ (DEE OIL)
THE UNFAILING CURE FOR ECZEMA.



Guaranteed non-separating & non-crystallising

The British DiaMalt Company

(Proprietors: H. A. & D. TAYLOR, LTD.)

9, Holborn Viaduct, London, E.C.1

Telephone: CITY 1765.

Telegrams: "NUTRIMALT-CENT-LONDON."

Laboratory & Works: SAWBRIDGEWORTH, HERTS.

MALT EXTRACT SPECIALITIES

*Samples and Prices on request.*ACTUAL MAKERS OF THOROUGHLY
RELIABLE PRODUCTS.

MALT EXTRACT

BELFAST:
31 Antrim Road*TOLKIEN—the Quality Makers*C. TOLKIEN & CO.
Apollo Works & Commercial Mills,
BLACKBURN

MALT & OIL

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

THE BEST AND SAFEST INFANTS'
MEDICINE OF OVER 120 YEARS' STANDING.Prices and Terms on application to R. BARKER & SON, Ltd.
13 Wesley St., G.-on-M., MANCHESTER.DOES
NOT
CONTAIN
any
SCHEDULED
POISON.

'TIS A VAIN QUEST
TO LOOK FOR BETTER
THAN THE BEST



ASK FOR
SAMPLES &
Prices

JEFFREYS MILLER & Co., LTD.
LEYLAND MILLS,
WIGAN.

TELEPHONE: 327 WIGAN.
TELEGRAMS: MALTUM, WIGAN.

3

PROFITABLE
LINES

CAMWAL

Pearlspring Health Salts

IN 8 OZ. BOTTLES AND 4 OZ. TINS.

Lemonade Powder

IN PACKETS,
CARTONS AND
CANISTERS

Aquaperia Water or Salts

(P.A.T.A.)

HANDSOME PROFITS ASSURED.

WINDOW DISPLAYS.

Home and Export Prices and Terms on Application.

CAMWAL Ltd.

LONDON, MANCHESTER, BIRMINGHAM, BRISTOL, HARROGATE
City Office : 52 Queen Victoria St., LONDON, E.C.4. Tel. No. : City 4497

Dr. DE JONGH'S

LIGHT BROWN

COD LIVER OIL

IN IMPERIAL HALF-PINTS, 4/-

ANSAR, HARFORD & CO., LTD.

182 Gray's Inn Road - - LONDON

SOLE CONSIGNEES.

NOW'S THE TIME

to send for this famous Till. Business is getting brisker every day, and with the extra rush comes the possibility of leakages and mistakes. Mistakes lead to arguments and lost custom—so get the British made "Ideal" Till and keep an accurate account of every cash transaction.

A Gledhill Till is equal to an extra assistant in the busy season.

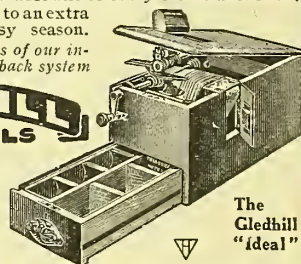
Send for full particulars of our instalment plan & money-back system

GLEDHILL
CASH TILLS

British and Best.

G. H. GLEDHILL

& SONS, LTD.

16 Trinity Works,
HALIFAX.

The
Gledhill
"Ideal"

Dr. HALE'S
VIN-SANGUIS
WINE FOR THE BLOOD

Fountain of Health

If you have a
Wine License we
will pay the fee.

If not, get one,
we will pay.

Send for any

You agree to display
"Vin-Sanguis" always.
You give us an
agreed initial order.
You always keep stock

further particulars



PROPRIETORS OF
DR. HALE'S VIN-SANGUIS

Transcontinental Agencies Ltd

14, Southampton St., London, W.C.2

MADE WITH OLD DOURO PORT

A PREDICTION THAT
MATERIALISED.

We warned Chemists that BOVO-LACTIN sales would boom.

We commenced a Lay Press Campaign in October, we announced Reduced Prices on November 1st. To-day we announce greatly increased sales. When the Public reads its Press, it reads of BOVO-LACTIN; when it moves about out of doors, it meets BOVO-LACTIN in Chemists' windows, on buses, etc. It tries it, and thereafter it continues to use it! Take your share in this campaign by stocking and displaying

Bovo-Lactin

We will gladly tell you all about it so that you can discuss it with your customers.

Your profit is 33 $\frac{1}{3}$ % on

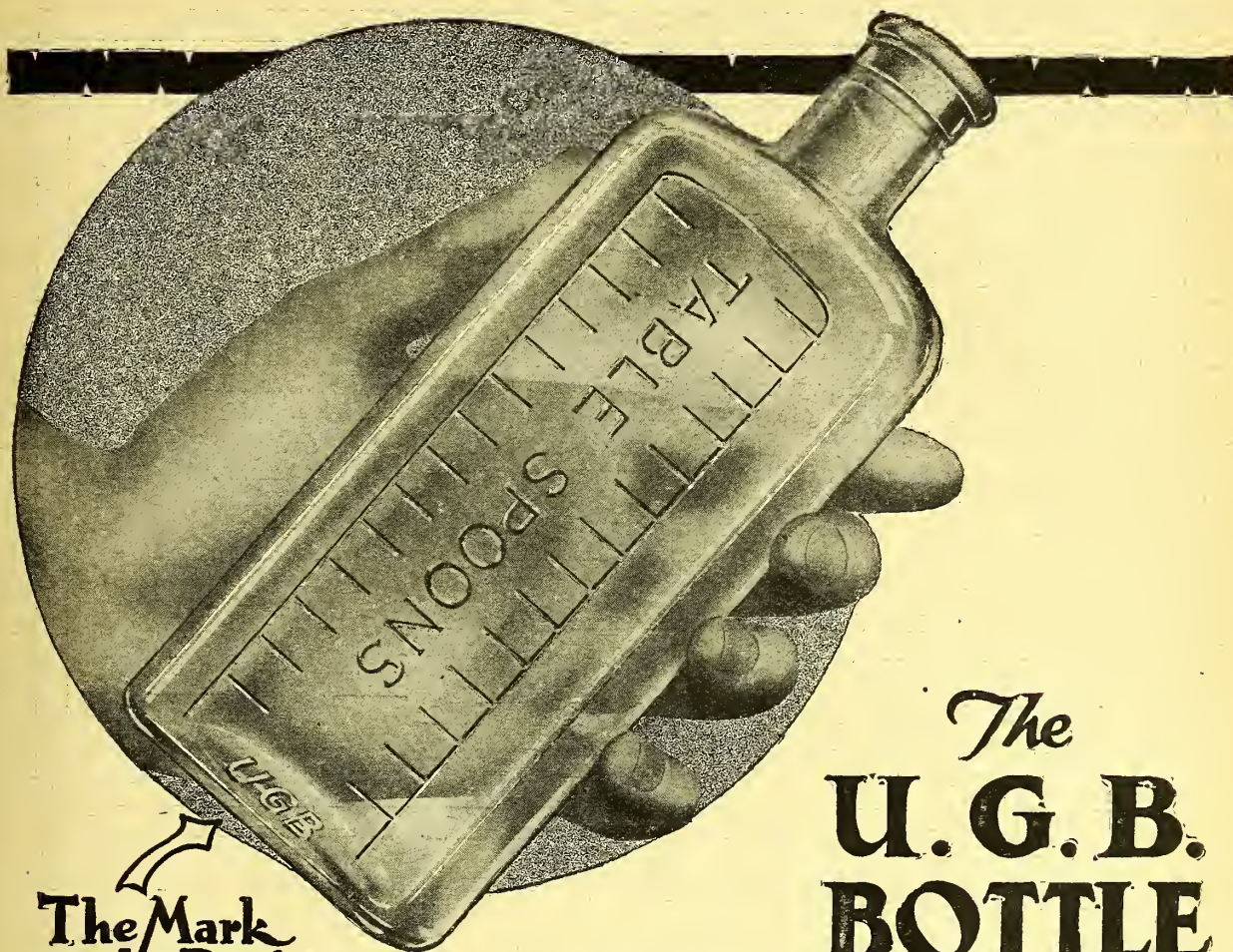
Retail Price

Food Products, Ltd., 11 Queen Victoria St., E.C.4

Laboratories and Works: Twickenham

Wholesale Distributors:

FASSETT & JOHNSON, 86 Clerkenwell Road, E.C.1



**The Mark
on the Perfect
Bottle**

The
**U.G.B.
BOTTLE**

is more than a mere Bottle!

COMPARE the U.G.B. medical bottle with an ordinary medical bottle and you will quickly appreciate those big differences which mean so much to the chemist or medical dispenser. U.G.B. medical bottles inspire confidence. They ensure perfectly accurate capacity, they are absolutely uniform in corkage, and they are the better bottle in every way. The crystal clearness of the glass, evidence of the faultless materials used, the elaborate annealing process, ensuring greater strength, create a medical bottle in appearance and finish always consistently perfect.

All dispensers of medical products using bottles with the U.G.B. mark on the base know they are using the best bottle—and a British bottle—one that can be relied upon to be absolutely perfect, accurate in capacity, corkage and graduation—features of paramount importance to the medical profession.

UNITED GLASS BOTTLE
MANUFACTURERS • LIMITED

Head Office :

40/43, NORFOLK ST., STRAND, LONDON, W.C.2.

Telephone: Central 8080—8089 (10 lines).
Telegrams: "Unglaboman, Estrand, London."

Works: CHARLTON, LONDON; CASTLEFORD, YORKS; ST. HELENS, LANCs
HUNSLET, LEEDS; SEAHAM HARBOUR, DURHAM.

No. 50.

LOOK FOR THE U.G.B. MARK ON EVERY BOTTLE YOU BUY

"MOLIVENE"

(REGD. TRADE MARK)

ARE YOU STOCKING IT?

THE reason we ask is because chemists who do stock it find their sales are continually on the increase, which shows beyond doubt that it does fill a long felt want for such people who cannot take Cod Liver Oil. Moreover, it is being largely prescribed by the medical profession.

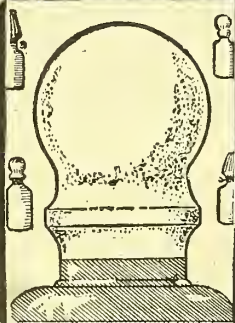
"MOLIVENE" is a combination of finest Cream Olive Oil and pure Malt Extract. It will not disagree with the most delicate stomach. Children love it and enjoy taking it. For ladies in delicate health it is a perfect boon. It sells all the year round, is profitable to handle, and ensures many grateful customers. This is GOOD BUSINESS. Free samples cheerfully mailed.

"MOLIVENE" is manufactured by the sole proprietor.

ROBERT BLACKIE *Wholesale Manufacturing Chemist*
Shen Works, Tower Bridge Road, London, S.E.1.

Telephone: HOP 2415.

Telegrams: "USHENSPUNA, LONDON."



VISKAP
**SELF-FIXING
BOTTLE CAPS**
Transparent, Opaque,
or Coloured.

From the Manufacturers:
**THE VISCOSE
DEVELOPMENT Co., Ltd.**
Viskap Works,
BROMLEY :: KENT

CORK TOPS

ANY SIZE, COLOUR OR DESIGN
HIGHEST QUALITY, STRONGEST GUM
EVERY ONE PUNCHED DEAD TRUE
QUICK DELIVERY—LOW PRICES

Samples gladly on receipt of Trade Card.

**WM. SESSIONS LTD., Ebor Press,
YORK.**

For GLASS BOTTLES

Write to

Fred^k Youldon

Formerly proprietor of E. YOULDON. Established 1840.

PORTLAND HOUSE,
73 Basinghall Street, LONDON, E.C.2.

'Phone: London Wall 3529.

Wires: "Youldon, Stock, London."

Registered Trade



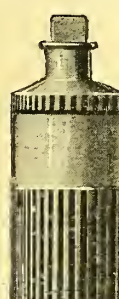
Mark, No. 26866.



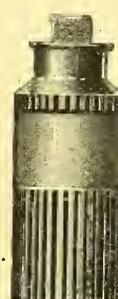
Hand-turned Shop Rounds.



Recessed Shop Rounds.



Recessed Poison Rounds.



SHOP BOTTLES

of the finest finish. Perfect Stoppering. Made in glass free from arsenic and lead; this feature is of vital importance in the case of Shop Bottles.



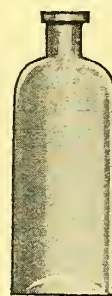
R.C. Flat.



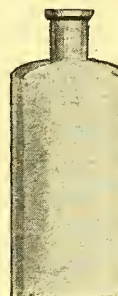
B.C. Flat.

DISPENSING BOTTLES—

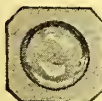
accurate in Capacity, free from arsenic and lead, and handsome in appearance. The aristocrats of bottles.



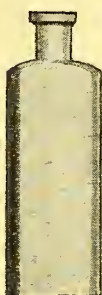
Oval.



Oval Fronted Flat.



B.C. Square.



R.C. Square.



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Oval, 2 Flat Sides.



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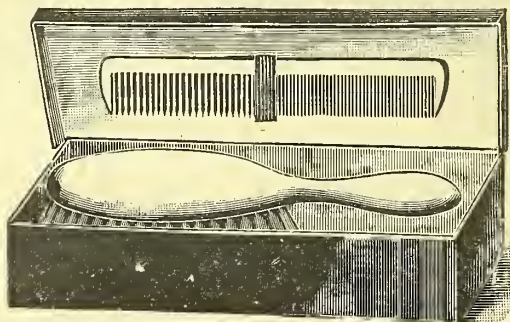
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WOOD BROTHERS GLASS CO., LTD.
BARNESLEY, (Established 1828) **ENGLAND**

Seasonable Sundries

Ladies' Brush Cases.

1773.— LADIES' BRUSH CASE , lined moirette, containing ebonised hair brush and comb	... each	3 9
”	better quality	4 9
lined sateen, containing ebonised hair brush, mirror and comb	...	6 6
lined sateen, containing two ebonised hair brushes, mirror and comb...	...	9 0
lined moirette, containing ebony hair brush and comb...	...	6 6
lined sateen, containing ebony hair brush, comb and ebony mirror	...	13 6
lined silk, containing ebony hair brush, comb and ebony mirror	...	16 6
lined silk, containing ebony hair brush, ebony mirror, comb and ebony button hook...	...	19 0
lined silk, containing ebony hair brush, ebony cloth brush, ebony mirror, and ebony button hook	...	22 0
lined sateen, containing white xylonite hair brush and comb	...	6 0
lined sateen, containing white xylonite hair brush, mirror and comb	...	8 6
lined sateen, containing white xylonite hair brush, cloth brush, mirror and comb	...	11 6
lined sateen, containing white xylonite hair brush, cloth brush, hat brush, mirror and comb	...	15 0
589.— SPECIAL LINE in card box, containing ebony hair brush and comb	...	4 6
569.—” in card box, containing ebony hair brush (whalebone bristles) and comb	...	5 0



No. 1773.

Hair Brushes. (SPECIAL LINES.)

(SPECIAL LINES.)							Per doz.	
							s.	d.
No. 576.	Ladies' Hair Brush, rubber base (pneumatic), whalebone bristles	...	...	...	...	...	45	0
" 577.	" " " " " "	...	...	...	...	...	54	0
" 561.	" " real ebony back, 11 rows white bristle	...	...	...	...	...	54	0
" 557.	" " " " " "	...	...	...	...	...	72	0

Tooth Brushes (in Hygienic Containers).

		(in Hygienic Containers).	Per doz.
			s. d.
No. 712.	Prophylactic shape, celluloid handle, 4 rows bristle, each in card carton	...	13 6
„ 713.	„ „ bone handle, 3 rows bristle, each in card carton	...	14 6
„ 5582.	Ordinary shape, celluloid handle, 4 rows bristle, each in a sealed transparent envelope		8 6
„ 5561.	„ „ celluloid handle, superior quality and finish, each in a sealed transparent envelope		12 6

**For full range of Brushes, Combs, Puffs, etc. see
list of Toilet Requisites.**

CARRIAGE PAID ON ORDERS OF £3 AND UPWARDS.

A discount of 5% for prompt cash is allowed on all amounts of 10/- and upwards. Money returned if goods are not satisfactory. Write for New Price Lists of Druggists' Sundries, Toilet Requisites, Rubber Goods, Cut Sheet Rubber Appliances, etc.

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LONDON, E.C.1.

THE CHEMIST AND DRUGGIST

42 CANNON ST.
LONDON E.C.4

SUPPLEMENT

DECEMBER 6, 1924

This Supplement is inserted in every copy of The Chemist & Druggist.

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case the name and full postal address should be written on

Post Office Wrappers, Stamped One Penny

Loose stamps will not be accepted.

CLOSING FOR PRESS.

ALL ADVERTISEMENTS INTENDED FOR
INSERTION IN THIS SUPPLEMENT

MUST REACH US
NOT LATER THAN

FIRST POST THURSDAY MORNING.

CHEMISTS' TRANSFERS.

Messrs. Orridge & Co., 56 Ludgate Hill, E.C.

Telephone No.: CITY 2233.

May be consulted at their Offices on matters of Sale, Purchase and Valuations

1.—ESSEX (Suburban).—Death Vacancy; ready-money Retail Business, with opening for large Panel connection; returns, about £1,700 per annum, at good prices; double-fronted corner shop, with store rooms and cellars; mahogany fixtures and excellent stock; very low rent; 18 years' lease; terms, lease and goodwill £300, stock and fixtures at valuation.

2.—LONDON, W.—Good-class Dispensing and Retail Business, with Kodak Agency; returns average £7,000 per annum, with net profit, £1,400 yearly; double-fronted shop, fitted in oak and heavily stocked; ample living accommodation; moderate rental; 20 years' lease; no serious opposition; price £4,750; further details will be furnished on receipt of bankers' reference; ill-health cause of sale.

3.—PINSBURY PARK (Near).—General Retail Business, with large Panel connection; established many years; returns average £1,700 per annum, at good prices; double-fronted shop; small living accommodation; new lease will be granted, or freehold may be purchased; further details on application.

4.—LONDON, S.E. (Good-class Residential Locality).—Family Retail and Dispensing Business, with Kodak Agency; returns, £2,250; net profit, £700; large double-fronted shop; well fitted and stocked; good house and garden; held on lease at moderate rental; sub-let garden at £26 per annum; price £1,500.

5.—EALING (Near).—Family Retail Business, with N.H.I. Dispensing; returns, £1,270; net profit, £270; single-fronted, lock-up shop; vendor estimates value of stock and fixtures at £670; rent, £40 per annum; held on lease; price £890.

6.—FOR DISPOSAL FOR REMOVAL, the entire Fixtures, Fittings, Utensils, and Implements of a well-fitted Pharmacy; also the stock-in-trade; the whole may be purchased for about £300; death cause of sale; this is an excellent opportunity for anyone just opening a business.

7.—LONDON, W.—High-class Retail and Dispensing Business, no N.H.I.; old-established; returns, £1,100 per annum, under management; net profit, £280; shop is fitted in mahogany, and has an imposing window front; lock-up; rent, £30 per annum; long lease; price about £1,100.

8.—TORQUAY (Near).—High-class Dispensing Business, with Branch; combined turnover exceeds £4,000 per annum, at full prices; both pharmacies are double-fronted and handsomely fitted; estimated value of stock and fixtures, £2,650; respective rents, £60 and £65 per annum; both establishments held on lease; further details on application.

9.—LINCS. (Coast).—Family Retail and Dispensing Business; returns exceed £2,500 per annum, at full prices; double-fronted shop, fitted in mahogany and well stocked; 9-roomed house, electric light, garage, and garden; new lease will be granted; price to be arranged.

10.—CHESHIRE.—Ready-money Business; returns, last year, £1,685; gross profit, £550; vendor estimates value of stock and fixtures at £875; rent, £66; sub-let, 13s. weekly; good house available; price £1,000, or valuation terms entertained.

11.—GLAMORGAN.—General Retail and Prescribing Business; returns, about £24 weekly without N.H.I. or Photographic; net profit, £380; single-fronted shop, fitted in mahogany; small house and garden; rent £45 per annum; held on lease; price £800, estimated value of stock and fixtures; ill-health cause of sale.

12.—SOUTH COAST (Health Resort).—General Retail and Dispensing Business; established within the past year; returns have averaged £35 weekly recently, at usual prices; double-fronted shop, very well fitted; good working stock; vendor is desirous of effecting a speedy transfer, and will accept the value of stock and fixtures.

13.—CORNWALL (Market Town).—Retail and Dispensing Business, situate in main shopping thoroughfare; returns, upwards of £2,000 per annum; attractive double-fronted shop; stock and fixtures valued at £1,200; rent, £50 yearly; sub-let £15; price £1,600.

14.—KENT.—Retail and Dispensing Business, with Wine Licence and small Optical connection; returns, present rate, £2,000 per annum; attractive pharmacy, very well fitted; good working stock; comfortable house, garden; held on lease, or property may be purchased; to effect an immediate transfer, vendor is willing to accept £200 for lease and goodwill; stock and fixtures at valuation.

Messrs. O. & Co. desire to emphasize the necessity of a periodical Statement of Account by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes confusion and loss.

Valuations for Stocktaking

Messrs. O. & Co. are prepared to undertake these essential duties and make Special Terms for such service.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.4

The Association of Mnfg. Chemists

— LIMITED —

BUSINESS AGENCY TRANSFER
AND VALUATION DEPARTMENT

Head Offices—**Kimberley House,**
Holborn Viaduct, London, E.C.1
(and at 2 Bixteth Street, Liverpool)

PARKIN S. BOOTH, Accountant and Valuer.
(TELEPHONE:—CITY 1261-2-3.)

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GOOD-CLASS RETAIL BUSINESSES, in prosperous localities, must bear strictest investigations; turnover not less than £5,000 p.a.

Vendor could acquire an interest in a Company which will control the multiple shops.

Send fullest information in confidence to this office.

BUSINESSES FOR DISPOSAL.

FOR IMMEDIATE DISPOSAL.

1.—ENTIRE FIXTURES AND FITTINGS of small West-End Chemist's Shop; full particulars on application. (149)

2.—WALHAM GREEN BROADWAY.—Old-established Retail Chemist and Druggist; N.H.I., Kodak, etc.; returns, approximately, £50 per week; lock-up shop, well fitted and stocked; 15 years' lease at £100 per annum; offers invited for quick sale. (137)

3.—PATENT MEDICINE.—Well known, showing good profit both to the manufacturer and retailer; easily worked; has been extensively advertised; price £1,500. Fuller particulars on application. (143)

4.—LONDON, W. (Populous Suburb).—Returns, £25 per week; scope for increase under personal management; opening for Photo and Optics; lock-up shop, 6 years' lease at £45 per annum; inclusive price £750. (146)

5.—SURREY.—Excellent situated Retail and Dispensing Business, in country town, which is being rapidly developed; freehold premises, consisting of double-fronted shop, with dwelling accommodation, cellars, garden, etc.; inclusive price for freehold, goodwill, stock and fixtures, £3,600. (147)

6.—TOOTH PASTE.—Manufacturing rights in this country for product well known in Scandinavia; premises in London (City); particulars on application. (148)

7.—LIVERPOOL.—Well-appointed General Retail and Dispensing Business, in middle-class locality; good passing trade; returns, £40 p.w.; 10 years' lease at £100 p.a. for first 5 years, rising to £120 p.a.; or freehold property could be purchased; fuller particulars on application.

8.—MIDLANDS.—Old-established Business, in small country town; returns, £30 p.w.; 13 years' lease; rent, £75 p.a.; house at rear let off at 15s. p.w.; price £800. (145)

9.—SOMERSET.—Old-established Business, in country town; returns, £22 p.w.; 7 years' lease at £40 p.a.; lock-up double-fronted shop; price £1,200, or offer. (144)

10.—S. DEVON.—Good-class ready-money Business in important town; returns, £30 p.w.; Kodak, N.H.I., etc.; double-fronted shop, with 8-roomed house; price, including freehold property, £2,600. (134)

STOCKTAKING.—Do you realize the importance of knowing the true value of your stocks, and thus being able to arrive at a net working profit? We undertake this work for an inclusive fee at short notice. Write for terms.

BERDOE & FISH

WILLIAM S. FISH.

Valuers and Transfer Agents,
41 Argyle Square, KING'S CROSS, W.C.1
(One minute from St. Pancras and King's Cross Stations.)

1.—HOME COUNTY.—Sound unopposed mixed Country Retail Business; easily worked; returns, about £2,100; partly under management; good house, bath, h. and c. water; excellent repair; large garden, etc.; modern-fronted shop, fully stocked; price, including freehold, £2,500.

2.—SUSSEX COAST.—High-class Dispensing and Retail Business, facing the sea; Kodak Agency; very handsome, modern pharmacy; every convenience; stock and fixtures worth £1,750; long, valuable lease; price £2,150; recommended.

3.—S. WALES.—Old-established General Retail and Agricultural, with Optics and Kodak Agency, in busy market town; returns, £2,720; net profit, £700; long lease; stock alone worth over £1,200; owner leaving the trade; price £2,100.

4.—BRIGHTON.—Cash Drug Store; under manager; returns average £24 weekly; qualified principal would double this; double-fronted shop, good position; well stocked; price £675.

5.—CRYSTAL PALACE (Near).—Good middle-class suburban Retail, selling through ill-health; returns, £2,300; net profit, £600 to £700; good house and shop, fully stocked; price £1,500 cash; worth seeing.

6.—LONDON, N. (Few Miles Out).—Very profitable Cash Business, with exceptional sale of own Proprietaries; returns, £3,500; clear net profit, over £1,000; books properly kept; good position; owner retiring; price about £2,500; personally recommended.

7.—LONDON, S.E.—Light Cash Suburban Retail, increasing; returns, £850 to £900; double-fronted shop, with house attached, in excellent order; fully stocked; price, with property, £1,050.

8.—LONDON, N.—Cash Retail, Prescribing, with large Panel; returns, £1,700; net profit, £500; densely populated locality; plenty of scope; corner shop, with house attached; price £1,100, or offer.

STOCKTAKING VALUATIONS.

We are now booking dates for December and the New Year and invite early correspondence. Terms sent on application.

ESTABLISHED 1870.

Telephone: 651 Museum.

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OFFERS EXPERIENCED SERVICE.

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ADVERTISING SCHEMES FORMULATED.

Stock Valuations now being booked for New Year, and as visits to all parts of England, also Scotland, Wales and Ireland are already arranged, Pharmacists need not hesitate on grounds of travelling expenses. *Write now!*

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BRETT & CO.

All valuations have the personal attention of F. J. Brett, M.P.S.
TRANSFER AGENTS AND VALUERS.

73 LAUREL ROAD, LEICESTER. Telephone: 1934.
WANTED.

BUSINESS, North or North-West; cash, about £1,600.
MIDLANDS.—One, cash up to £1,000; another, cash up to £2,500.

FIRST-CLASS RETAIL, any district; cash to £3,000, with security for anything over.

Number of Buyers with cash ready in most districts.

BUSINESSES WANTED.

CHARLES C. MARSDEN

Valuer, Transfer Agent and Stockbroker.

44 SHOLEBROKE VIEW, LEEDS.

**STOCKTAKING VALUATIONS AT SPECIAL REDUCED TERMS
CHEMISTS' STOCK SHEETS PRICED OUT***Recommended and approved by Messrs. Goodall, Backhouse & Co., Hirst, Brooke & Hirst Ltd., and Raimes & Co.***BUSINESSES FOR DISPOSAL.**

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

DEVON.—Old-established, good-class Dispensing and Family Retail; exceptionally profitable; splendid opening for Optics and Photographic; returns about £1,700; gross profit over 40%; excellent house; very pleasantly situated. 163/19, Office of this Paper.

LANCASHIRE.—Exceptionally profitable Cash Business; average returns, £2,000; spacious house and shop; low rent; 25 per cent. profit; goodwill, stock (heavy), and fixtures, £1,350; Kodak supplies; cash buyers need only apply, as personal interview is necessary; owner retiring. "Petrograd," 164/33, Office of this Paper.

LIVERPOOL.—Cash profitable well-stocked Business in populous district; established over 50 years; corner shop with house; net rental £16; returns £850 to £950; N.H.I.; good opportunity to smart man; price £400. Mr. A. McLaughlin, Chartered Accountant, 216 Stanley Road, Bootle, Liverpool.

LONDON, S.W.—Good-class Cash Drug Stores for disposal, returning over £1,000; only been open 3 months; N.H.I. badly needed; lock-up; agreement £50 inclusive; £575 cash; no offers. P.C.B. 28/12, Office of this Paper.

MIDLANDS.—Old-established Business in main road for Sale; well stocked and conveniently fitted; living accommodation; very profitable trade; capable of considerable extension; capital required; low price for quick cash sale. Write 160/18, Office of this Paper.

NORTH STAFFS.—Old-established Business in mining district; central position; no opposition; General Retail and N.H.I. Dispensing (nearly 1,000 per month); large, handsomely fitted, double-fronted shop, good Dispensary, and heavily stocked; returns about £1,500; premises can be had on lease or sold; price to be arranged. 160/1, Office of this Paper.

SCARBOROUGH.—High-class Toilet and Patent Medicine Business; Kodak agency; central; retiring health; bargain; lock-up shop; valuable fittings; £250. R. E. Pales, 3 Valley Bridge Parade, Scarborough, Yorks.

SOUTH.—Business, comprising two Branches; turnover £4,000; long leases; average net profit last five years, £900; good position; stock, leases and fixtures at valuation; established 18 years; references. 55/717, Office of this Paper.

WEST RIDINGS.—Retail Cash Business; chance of a lifetime; no opposition for 2 miles radius; to be sold as a going concern; stock, fixtures and freehold; illness cause of selling; £1,000 or nearest offer; freehold optional; good working-class district on main tram route. Particulars, apply "Statim," 164/34, Office of this Paper.

WEST RIDING OF YORKS (suburb of large manufacturing town).—Cash Drug Stores for disposal as a going concern; returns for past 4 years average £1,000 per annum; splendid living accommodation; rent £45 per annum; good opening for N.H.I., Photography, etc.; no reasonable offer refused; excellent reason for disposal. 164/40, Office of this Paper.

CHEMIST and Tobacconist's Business for Sale.—The Medical Hall, Tarbert, Lochfyne, to be disposed of in order to close a trust estate; this is an old-established business, and is the only chemist shop in Tarbert; a lease of the premises would be given to a suitable offerer. Apply Patrick J. Stirling & McCarthy, Writers, 175 St. Vincent Street, Glasgow; or Duff & Cruickshanks, C.A., 127 St. Vincent Street, Glasgow.

CHEMIST'S Business for disposal, near Portsmouth; takings average £18 to £20 weekly; corner shop; six nice rooms; side door and garage; rent £40, on lease, with option of freehold; established 14 years; incoming, £450, includes heavy stock; exceptional opportunity for energetic man to add N.H.I. and Photographic Materials. Bowler & Blake, Business Transfer Agents, Fratton Bridge, Portsmouth.

ERNEST J. GEORGE offers two small Businesses in South Staffordshire, one with house; good possibilities for energetic beginners either as Drug Stores or qualified. Businesses of all capacities secured and disposed of. Write your requirements, strictest confidence. 3 St. Paul's Close, Walsall. Tel. 774.

FOR Sale, in North Lancs. town, good Business, working-class neighbourhood; N.H.I. 1,000 per month; with or without living accommodation. 157/1, Office of this Paper.

TENDERS.PARISH OF HAMMERSMITH.
OUTDOOR DISPENSARY.**TENDERS** are invited for the supply of:—

(a) Drugs,

(b) Druggists' Sundries,

to the Outdoor Dispensary, Cathnor Road, Shepherd's Bush, W.12, for six months, commencing 1st January, 1925.

Forms of Tender, which must be returned by first post on 19th December, 1924, can be obtained on personal application or by sending a stamped, addressed foolscap envelope to the Clerk to the Guardians, 206 Goldhawk Road, Shepherd's Bush, London, W.12.

AGENCIES.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

SCOTLAND.—Agent, handling one of the best selling proprietaries on the market, is open for one other interest; well-advertised Proprietary preferred, but other lines considered; open accounts with every important Chemist on the territory; would act as Buying Agent or on commission; first-class trade and financial references. 163/21, Office of this Paper.

A FIRM of Wholesale Chemists, with a good Sales Staff and established connection amongst Chemists, Druggists, and Grocers, wishes to handle additional lines (Pharmaceutical, Patent Medicines or Sundries) in conjunction with its own, with Sole Selling Rights on agreed territory; correspondence invited from manufacturers of first-class standing only. Write in first instance to "Secretary," 125 Dudwell Drive, Halifax.

BUSINESSES WANTED.

BUSINESS wanted, sound going concern, or neglected business with scope for increase. Replies, in confidence, Adams, Burgh, Lincs.

ERNEST J. GEORGE requires a good Business showing £1,000 or more net profit, or can find active and highly successful Manager to join proprietor contemplating retirement; £1,000 or more available. Businesses also required to any amount in England, Scotland, Wales or Ireland. Will intending sellers and buyers write their requirements, strictest confidence. 3 St. Paul's Close, Walsall. Tel. 774.

PHARMACIST would like to hear of a genuine Retail Business for Sale in good locality, busy town, with living accommodation preferred; would consider purchase of property if in good repair; correspondence is only invited from gentlemen (in confidence) with genuine propositions. "Salicylas," 164/18, Office of this Paper.

PARTNERSHIPS.

CHEMIST-OPTICIAN, M.P.S., F.S.M.C., seeks Partnership in or within 30 miles radius of London; would agree to a month on trial; capital available. Apply 165/1, Office of this Paper.

FOR SALE.

GLAMORGAN.—Fixtures and Fittings, mahogany, Shop Rounds, etc., for Sale. 164/35, Office of this Paper.

FINANCIAL.

JOHN BELL & CROYDEN, LTD.
1st Mortgage Debenture Stock.
THE Warrants for the Interest on the
above for the half-year ended 30th
November, 1924, have to-day been posted
to Debenture Holders.
By Order of the Board,
VICTOR FAULKS, A.C.A.,
Secretary.
8, Welbeck Street, London, W.1.
29/11/24.

TO LET.

SHEFFIELD.—Well-lighted Basement (62 ft. 8 in. by 35 ft.)
to Let; suitable for showroom, demonstrations, etc.; centre
of city; excellently ventilated; central heating; approached by
staircase and lift. Write General Manager, "Sheffield Tele-
graph," High Street, Sheffield.

PREMISES FOR SALE.

FREEHOLD New Shops for Sale; Chemist urgently required;
near Harrow and Wembley; main roads; rapidly develop-
ing districts; prices from £1,250. Sharp, Estate Offices, North
Wembley Station, Bakerloo Railway. Phone: 2796 Wembley.

SITUATIONS OPEN.

[HOME.]

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6s. for 40 words or less; 6d. for every additional 10 words
or less, prepaid.

The ADVERTISER may if preferred have replies addressed to this
Office, and forwarded on payment of an additional charge of 1/-.

CARDIFF.—Assistant wanted for Counter; good Salesman.
Full particulars to Duck & Son, St. John's Square.

CORNWALL.—Required, qualified Assistant, capable taking
charge; well up in Dispensing, Photo., Counter; Partner-
ship entertained later if desired. State age, previous experience,
and salary. Applications not answered in four days respectfully
declined. Apply Tonking & Rough, Chemists, The Pharmacy,
St. Just.

LONDON, E., SUBURB.—Unqualified Manager required for
small Retail and Photographic business; must have business
ability and good references. Apply, stating experience, age,
salary required, and when disengaged, to 164/110, Office of this
Paper.

LONDON, N., SUBURB.—Qualified Branch Manager to take
charge of middle and working-class Retail, Photographic
and N.H.I. business; neglected now; would soon improve under
energetic and business methods; good Window-dresser and Sales-
man essential. Apply, stating age, experience, references, salary
required, and when disengaged, 164/1, Office of this Paper.

LONDON, S.W.—Smart Junior Assistant, unqualified, wanted
at once for good-class Retail, Dispensing and Photographic
business. Please give experience and salary required first letter.
Enness & Co., 18 Replingham Road, Southfields, S.W.

MANCHESTER.—Qualified Assistant wanted for Dispensing
and Photographic business; knowledge of Optics an advan-
tage, but not essential. Apply, stating age, experience, and
salary required, to Colmans, Ltd., 161 Bury New Road,
Manchester.

MANCHESTER.—Unqualified Assistant required for General
Counter and Dispensing. Apply, stating age, experience,
and salary required, to Colmans, Ltd., 161 Bury New Road,
Manchester.

MONMOUTHSHIRE.—Wanted, for December 15, young,
qualified Assistant, reliable and obliging, as Cover;
moderate salary to commence; good prospects; light employment;
permanency. State full particulars in first letter and salary
required, and if available for the 15th. 164/25, Office of this
Paper.

NEWPORT, MON.—Male Assistant wanted, with good all-round
experience. State full particulars first letter. Badgett,
Chemist, Clarence Place, Newport, Mon.

RHYL.—Wanted, experienced, unqualified Assistant; male;
outdoors; easy hours; first-class references indispensable.
State age and salary required and full particulars to Ashfield,
Chemist.

SOUTH WALES.—Wanted, soon, qualified Manager for branch
shop. Apply, fullest particulars, Salmon, Chemist, Clydach,
Swansea.

STOCKPORT.—Wanted, young unqualified male Assistant; out-
doors; medium working-class business. State age, height,
experience, references, salary required, photo if possible. 157/8,
Office of this Paper.

THE MIDDLESEX HOSPITAL, W.1.

THE post of Pharmacist is vacant at the above Hospital.
Applicants must be Pharmaceutical Chemists (Major
Examination) and preferably possess the degree of B.Sc.(London).
Age not to exceed 35.

Salary £400 per annum, with pharmacy fees. Lunch and tea
provided.

Applications, with testimonials (3), to be addressed to the
Secretary-Superintendent on or before Friday, the 12th inst.
1st December, 1924.

WEST LONDON HOSPITAL, Hammersmith Road, W.6.—
Required, a qualified Assistant Dispenser for Stock Room;
must be quick, trustworthy, and capable; Hospital experience
an advantage. Apply, with full particulars of experience,
enclosing copies of testimonials, and stating age, to the
Pharmacist.

A YOUNG MAN'S OPPORTUNITY.—An important Retail
Organisation is desirous of engaging the services of a
young man to be trained with a view to management of Drug,
Toilet Requisites and Perfumery departments. Applicants
should be under 27 years of age, energetic, keenly desirous
of advancement and prepared to work for it, and must possess
managerial ability. Age, full particulars of experience and
commercial salary, should be stated in first letter. All replies
will be held in strict confidence, and interviews with selected
applicants will be arranged in London or elsewhere. Box
"M198," c/o W. H. Smith & Son, Advertising Agents, Black-
friars, Manchester.

ASSISTANT wanted, for December 15; experienced Dispenser,
a good Window-dresser and Stock-keeper; not under 30.
State age, salary required, and fullest particulars, J. B. Barnes
& Son, 205 Knightsbridge, London.

ASSISTANT, Junior, male, for good-class Pharmacy, S.W.
London; progressive post. Give age, height, salary
required, experience, first letter. "H.," 4 Wilbury Avenue, Hove.

ASSISTANT wanted immediately for a quick, good-class trade.
Apply to Durbins Drug Stores, 50 Broadway, Wimbledon,
London, S.W.1.

IMMEDIATE.—Vacancy for qualified Assistant; knowledge of
Optics and Photography; interview essential. Reply, with
full particulars of age, experience and salary required, to W.
Osmond Morris, Chemist and Optician, 21 High Street, Sutton,
Surrey.

IMPROVER OR PART TIME.—Alert and reliable, not over 25,
for quick Counter trade, with N.H.I.; near Clapham Col-
leges. Bennett's Chemists, 79 Union Road, Newington Cause-
way, S.E.1.

JUNIOR or Improver required for good-class Dispensing and
Photographic business; one just out of apprenticeship pre-
ferred. Give full particulars, experience, height, etc., and salary
required; photo if possible. E. Butterworth, Central Pharmacy,
Ross-on-Wye.

LADY, qualified (Minor), to take charge of Dispensing and
assist with usual Counter duties; new shop, Cambridge-
Green; must be capable and reliable; very comfortable berth for
the right person. Write immediately, salary, experience, etc.,
165/15, Office of this Paper.

MANAGER, qualified; December 15; age about 35 years;
branch suburban; good living accommodation can be pro-
vided, free rent and taxes, unfurnished; a man with good
credentials; up-to-date Salesman, Window-dresser, etc.; a good,
permanent job for the right man. State salary required and full
particulars. Latty, Chemist, Temple Gate, Bristol.

QUALIFIED Optician required to take charge of Optical
department; comfortable and permanent position; must be
of good address, and experienced in the handling of good class
customers. "M.," 160/11, Office of this Paper.

QUALIFIED Assistant required (male) for a shop in the West-End of London; age about 25-26. Write, stating age, experience, salary required, and supply references, to Box J.V.645, Willings, 30 King Street, Covent Garden, W.C.2.

QUALIFIED Manager or Locum wanted for Chemist and Optician's business in small seaside town; with or without view to purchase. Write, with full particulars as to qualifications, remuneration, etc., to P.C.B. 29/9, Office of this Paper.

WANTED, at once (temporary), qualified lady Dispenser. Usual references to A. Gilmour, 89 West Road, Westcliff-on-Sea.

WANTED, capable, experienced Branch Manager, for Staffordshire; one with knowledge of Agricultural trade; good house provided. Apply, with photograph and references, stating age and salary required, to Lands, Ltd., Chemists, Coalville.

WANTED, a capable, gentlemanly Assistant accustomed to good-class business; must be a quick and accurate Dispenser. Apply, stating salary required, to J. D. Reynolds, Pharmacist, Bramhall, Cheshire. P.S.—Bramhall is within easy reach of Manchester School of Pharmacy.

WANTED, qualified lady Assistant for Dispensing and Counter; hours 9 a.m. to 8 p.m. Apply, in person, to J. H. Smith, 61 Stroud Green Road, London, N.4.

WHOLESALE.

A JUNIOR Typist wanted at once; one with previous experience of typing invoices preferred. Apply "E. F. G.", 55/716, Office of this Paper.

A TRAVELLER wanted by a well-known Wholesale Drug firm, for the Midland Counties, to call upon Chemists, Doctors, Institutions, etc.; one who already has a good connection, or who has covered the ground, preferred. Apply 55/715, Office of this Paper.

BUYER required by London Export house; must have a good knowledge of Drugs, Chemicals, Chemists' Sundries, etc., and be experienced in placing indents. Applicants should state age, salary required, and send copies of testimonials to "Alpha," 55/713, Office of this Paper.

EXPORT Packers required; only those experienced in packing Drugs and Sundries need apply. Write "W. M. C.," Burgoyne, Burbidges & Co., Ltd., East Ham, E.6.

JUNIOR Warehouseman and Packer required. Write, stating age, previous experience, and wages required, H. & T. Kirby & Co., Ltd., Willesden Green, N.W.2.

MANUFACTURING Chemists and Surgical Dressing Manufacturers require the services of a gentleman to call upon Hospitals throughout Scotland and Chemists and Hospitals throughout Northern Ireland. The position which is offered presents considerable scope for the man of initiative and determination. It is essential that applicants shall work by car. 55/711, Office of this Paper.

REPRESENTATIVE required by well-known Dressings and Sundries House for South Coast territory; must be young, keen, and possess the highest credentials; previous experience in a similar capacity necessary. Applications (which should contain full details, including remuneration required) will be treated in strictest confidence, and should be addressed to 55/718, Office of this Paper.

REPRESENTATIVES required to carry the Alnite Hot Pad, as per advertisement on page 35, on commission and part expenses, for the following districts: Birmingham District and North Wales, Midlands and Eastern Counties, Middlesex, Bucks and Herts. Apply, giving full particulars of ground covered and lines carried, to the Alnite Co., Ltd., 75 Victoria Street, London, S.W.1.

TRAVELLER wanted, part-time, good commission, to call upon Chemists for "Shavex," the well-advertised Shaving Cream which needs no brush or soap. Apply 40 Blenheim Road, Upper Holloway, London, N.

WANTED, to commence January, Travellers, on commission, South-West Midlands, North-West and N. Wales, to sell well-known winter and summer lines, attractively packed, showing good profit; good sale established in many districts. 160/14, Office of this Paper.

WELL-KNOWN Midland Manufacturing Chemists require the services of a smart Representative for Birmingham and district. 55/712, Office of this Paper.

SITUATIONS WANTED.

RETAIL;

[HOME.]

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

A.A.A. — UNQUALIFIED, 30, desires permanency; Manager or Assistant; Dispensing, good Counter-man, and knowledge of Photography; first-class West-End and suburban experience. "F.," 162 Whitecross Street, London, E.C.

A CAPABLE Chemist seeks post; Manager or Assistant; January; Manchester. Hollinshead, 87 Breckfield Road North, Liverpool.

A CHEMIST (qualified) desires post as Manager or otherwise; all-round practical experience; permanency or temporary. "Chemist," 10 Godwin Road, Forest Gate, E.17.

A DISPENSER, lady (Hall) seeks post, New Year; Chemist, Doctor or Institute; Counter work; good worker; moderate salary. Write, Hordle, c/o Mrs. Magor, Prospect House, Mill Road, Padstow, Cornwall.

A GOOD, all-round man, unqualified, desires post in or near London; experienced Salesman; highest references; disengaged. "Reliance" (P.C.B. 29/6), Office of this Paper.

A MINOR Student (male) desires position over Christmas; part or full time; free from December 19; high-class experience; excellent references. Middleton, 10 Elm Grove, Woodford Green, Essex.

A PHARMACIST, middle-aged, as Dispenser; Senior or offer; London preferred. Ellinor, 12 Grafton Square, Clapham, S.W.

A THOROUGHLY competent Assistant; disengaged; Locum or permanent; highest references; unqualified. "E. F.," 131 Mount View Road, N.4.

A THOROUGHLY capable Assistant, good experience in Dispensing, Counter, and Agricultural trade, age 27, seeks permanency; country preferred. Evans, Chandos, Knighton, Radnorshire.

ADVERTISER, qualified, temporarily disengaged, offers his services to Chemist in West-End or Western suburbs over the Christmas; all-round experience. Apply P.C.B. 28/37, Office of this Paper.

A N Assistant; Part I; age 24; tall; first-class experience; Counter, Dispensing, Photographic; best references; at liberty. L. Neland, 240 Ayres Road, Old Trafford, Manchester.

A N unqualified Assistant, 23, seeks temporary post or Locum from 13th inst.; London, S.W., preferred; highest references. "Jones," 104 Clapham Road, S.W.9.

A S Manager or Locum; qualified; tall; 50; single; 20 years' experience management; disengaged. 164/31, Office of this Paper.

A SSISTANT, unqualified, capable and reliable, age 52, wide experience, seeks permanent engagement. G. D. North, 48 Morpeth Street, Hull.

A SSISTANT, unqualified, 36, is anxious to hear berth in New Forest district; no Dispensing; part-time; small commencing salary. Clark, Leighton College Road, Ringwood, Hants.

A SSISTANT; unqualified; age 33; used to taking charge; experienced Dispenser; knowledge Photography; first-class Counter experience; last situation 4 years; disengaged December 15. Williams, "Clevelands," King's Avenue, Rhyl.

A SSISTANT, unqualified; permanency; first-class Dispensing experience; highest references; disengaged. Jones, 10 Barclay Road, Walham Green, Fulham.

A SSISTANT or Manager of Drug Store; unqualified; willing to purchase same; all-round experience; first-class reference. P.C.B. 28/33, Office of this Paper.

A SSISTANT; all-round experience; permanency; disengaged. "E. S.," Hawthorn Villa, Cusop, Hay, Hereford.

A SSISTANT or Branch Manager; part-time; unqualified; used to quick trade. Munro, 49 Rosenthal Road, Catford, S.E.6.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

ASSISTANT; qualified; first-class experience; Photographic, Dispensing, Counter; London or provinces. "Pharmacist," 164/33, Office of this Paper.

BOURNEMOUTH OR DISTRICT.—Capable Assistant; 5 years' first-class Dispensing and Counter experience, London and country; 23; excellent references. 151/24, Office of this Paper.

BURTON MIDDLETON, M.P.S., Pharmacists' Locum, at liberty for Xmas Holidays or as Emergency Assistant; town or country. 20 Merton Avenue, Chiswick, W.4.

CHEMIST, 1909 qualification, 37, married, desires position early New Year; North or Midlands preferred; experience and references excellent; efficient organiser; partnership or view succession optional; capital available. Exchange detailed particulars with "Manager," 160/16, Office of this Paper.

CHEMIST (middle-aged), now acting as superintendent director to company, would like similar position, or manage branch; with house or prospects renting one near essential (sole reason for wanting change); London preferred; highest references. "Reliable," 164/10, Office of this Paper.

COMPETENT Assistant; unqualified; 20 years' experience; conscientious and reliable; highest references; take charge; smart appearance. "G. G.," 151 Balham Hill, S.W.12.

DISENGAGED.—Qualified, 25, abstainer, offers whole or part-time services; careful Dispenser, good Window-dresser, trained Advertiser; moderate salary; London or Bournemouth preferred. Baker, "Cocceg," Marshfield Road, Minehead.

DISENGAGED qualified Pharmacist; Locum, temporary Manager; view succession; excellent experience. "Statin," 3 Rectory Road, Stoke Newington, N.

DISENGAGED qualified Pharmacist, middle-aged; excellent experience; recently married; Branch Managership; wife could assist. "Pharmacist," 159/40, Office of this Paper.

DISENGAGED shortly for Locum, Stocktaking and Pricing, or Dispensing, Counter, etc.; exceptional experience; moderate terms; good references. "Reliable," 2 Eldon Terrace, Swanage, Dorset.

DISENGAGED December 8; male Pharmacist; part-time, Locum, or permanency; moderate salary. "Chemist," 68 Grosvenor Road, W.7.

DISPENSER, Registered Chemist, thoroughly reliable, first-class West-End experience, desires permanent position; hard worker; neat and quick; good references. 157/20, Office of this Paper.

DISPENSER; qualified; male; age 60; active; part or whole time; large Hospital and Private, Panel experience; South London preferred; disengaged December 31, 1924; excellent references. "H. C. J.," 417 Evelyn Street, S.E.8.

DISPENSER or Assistant; Dispensary or shop; middle-aged male Pharmacist; moderate salary; London district; part-time entertained. "Dispenser," c/o 105 Woodgrange Road, Forest Gate, E.

IN THE NEW YEAR.—Experienced, unqualified, middle-aged; Assistant or Manager; permanency; first-class Counterman; thoroughly well up in all branches; photo, etc.; smart, steady, honest; good references. 160/12, Office of this Paper.

JUNIOR, 20, desires situation in London, affording good-class Dispensing experience, early in the New Year; 3 years' apprenticeship; Counter, N.H.I., Photo., Window-dressing; Registered Student; Secondary Education; height 5 ft. 6 in. "Junior," 156/38, Office of this Paper.

JUNIOR (20); good appearance; West-End experience in high-class Dispensing, Counter and Photography. 126 Goldhurst Terrace, N.W.6.

JUNIOR Assistant, 22, seeks opening; all-round experience; height 5 ft. 10½ in.; well recommended. "H.," 138 Milkwood Road, Herne Hill, S.E.27.

JUNIOR; 19; 3 years' experience; Counter and Photography; Birmingham or large town preferred. 164/7, Office of this Paper.

LADY Dispenser, 25, seeks post with Chemist or Doctor; Hall; quick at Counter, Photographic, etc. 164/17, Office of this Paper.

LADY Dispenser, 20, thoroughly experienced, seeks post in good-class Pharmacy. Hazeldine, 63 New Bridge Street, Manchester.

LADY, unqualified, desires post with Chemist; 7½ years' experience, Dispensing and Counter; Locum or permanency. E. Williams, 98 Severn Road, Weston-super-Mare.

LOCUM; qualified; first-class references; disengaged after December 5. "D.," 20 Cambridge Crescent, Edgbaston, Birmingham.

LOCUM; all-round experience; qualified; good references; disengaged. "Pharmacist," 40 Kempshott Road, London, S.W.16.

LONDON.—Pharmacist, experienced, modern methods, high-class and multiple stores, seeks position in good-class business; interview by arrangement. 164/12, Office of this Paper.

MANAGER (experienced) or Senior; 27; 4½ years last situation; good Dispenser and Salesman; high-class suburban experience; perfect references; free now. "M.P.S.," 80 The Crescent, New Malden.

MANAGER, 27, Chemist and Ophthalmic Optician, trained under ophthalmic surgeon, seeks appointment early in January; good all-round experience, including London high-class Dispensing; country, Agricultural, Veterinary and Photography; own trial case, ophthalmoscope, etc.; careful Buyer and experienced Prescriber. 160/3, Office of this Paper.

MANAGER; qualified; abstainer; excellent references; moderate salary; at liberty. "F.," 164/11, Office of this Paper.

MANAGER or Locum; London or suburbs; abstainer; reliable; experienced Prescriber. Thomas, 145 Kennington Park Road, S.E.11.

MANAGER or Locum, qualified, reliable, sound experience, capable, requires position; excellent references; disengaged. "Chemist," 8 Friargate, Derby.

MANAGER OR SENIOR.—Capable, reliable, qualified Chemist seeks permanency; first-class experience, Counter, Dispensing, Photography; married; could live on premises and take entire charge if desired. "A. F. S.," Messrs. Evans Sons Lescher & Webb, 60 Bartholomew Close, E.C.4.

PART-TIME London; 12.30 to 4.30 and from 7.30 p.m.; Dispensing, Optics; general; qualified. "Chemist Optician," 160/5, Office of this Paper.

PART II Student seeks position in good-class Pharmacy; 19 years old; tall and of good appearance; 7 months' experience. "B. H.," (P.C.B. 28/15), Office of this Paper.

PART-TIME situation required by Student; 6 years' thorough experience; energetic, reliable; any hours; interview; about January 5. 160/19, Office of this Paper.

PART-TIME work, free in the mornings, required by lady; Hall Certificate; knowledge of Shorthand and Typing; Maidenhead, Henley or Reading district. Miss Goodall, "Warrenhurst," Twyford, Berks.

PART-TIME; evenings; qualified; N.H.I. Dispensing or Counter; experienced; Acton district. P.C.B. 28/36, Office of this Paper.

QUALIFIED, 36; tall; 20 years' all-round experience; married; free January; Liverpool district preferred, but not essential; abstainer. Shaw, 225 Conway Street, Birkenhead.

QUALIFIED, 24, desires progressive position; over 8 years' good all-round, high-class experience, Counter, Dispensing, Photographic; good Prescriber. Turner, 14 Auburn Road, Redland, Bristol.

QUALIFIED, 29, disengaged shortly, desires post, London district; Dispensing, Photo, Retail; excellent references. 159/38, Office of this Paper.

QUALIFIED Manager, splendid sales records, open for immediate engagement as Locum or permanency. "Statin" (P.C.B. 28/34), Office of this Paper. Will advertiser please send name and address to C. & D. Office?

QUALIFIED Chemist desires position as Branch Manager; married; 30; abstainer; experienced; good all-round man. References, etc., to "Senior," c/o Bartons, 16 Alderman's Hill, Palmers Green.

QUALIFIED Chemist, recently in Wholesale, seeks re-engagement in Retail; will accept moderate remuneration to commence; good general, Photographic and Dispensing experience as manager in London and provinces. 164/3, Office of this Paper.

QUALIFIED Chemist; middle-aged; protection, Dispensing, or small branch. "Natrium," 164/28, Office of this Paper.

QUALIFIED; 30; single; high-class Dispensing, Photography, Window-dresser, Salesmanship; Yorkshire preferred; disengaged; highest references; moderate terms for progressive permanency. 165/7, Office of this Paper.

QUALIFIED Locum; any period; 43; reliable; Lancashire or Cheshire preferred. 165/8, Office of this Paper.

SMALL Branch charge, Locum, or other capacity; qualified; single; 50; experience, aptitude, reliable. "Chemist," 21 Freehold Street, Northampton.

THOROUGHLY experienced young lady, with 8 years' knowledge of Dispensing and Retail in high-class Pharmacy, seeks position. 163/36, Office of this Paper.

UNQUALIFIED, 32, married, ambitious, thoroughly willing, industrious, trustworthy, capable, requires permanency; able to undertake sole control and thereby relieve proprietor; not afraid of hard work; available December 29. "Art," 66 Fortune Green Road, London, N.W.6.

UNQUALIFIED; 24; Square trained; 5 years' Dispensing and Counter experience; North England preferred, but not essential. E. Milner, 135 Jerningham Road, New Cross, London, S.E.14.

UNQUALIFIED; tall; married; 17 years' first-class experience in all branches, including Photo; Manager or Senior; London or suburbs. 164/20, Office of this Paper.

UNQUALIFIED; disengaged; all-round experience; Dispensing, Agricultural, Photographic; well recommended; abstainer; North preferred. 165/12, Office of this Paper.

WEST LONDON suburb preferred; qualified; age 24; thorough all-round experience, including Photography; accustomed to managing. Broad, "Kylmore," Springfield Road, Chesham.

WHOLE or part-time situation required as Dispenser or Assistant. Apply "J.," 137 Sebert Road, Forest Gate, E.7.

YOUNG Lady, 20, desires post as Improver; Hall certificate; 15 months' experience as Dispenser and some Counter work; salary secondary importance. Tupling, Heathfield, Newmarket.

YOUTH, 18, Matriculated, wishes to be Apprenticed to Pharmacist in good-class business, London and districts. Particulars, P.C.B. 25/14, Office of this Paper.

WHOLESALE.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

A S Traveller; home or abroad; 33; good knowledge Tamil and Malay; sound experience Drugs and Chemists' Sundries, also 33 years' rubber planting experience. M.L. 2811/24, Office of this Paper.

B.S.C. (Lond.), Hon. Chem., A.R.C.S.; 2 years' research experience; 26; single; moderate salary to commence; will go abroad. M.L. 2469/24, Office of this Paper.

B.S.C. (Hons. Chem.), 26, educated Public School, University, desires post in works on Research, Plant or Analytical; good knowledge Chemistry Physics, French, German, Book-keeping. M.L. 4467/22, Office of this Paper.

CHECKER, or orders, Wholesale Warehouse, age 24, 9 years' experience, good worker, thoroughly reliable, desires any position; disengaged. 159/36, Office of this Paper.

CHEMIST, 7 years' Dublin, 4 years' West-End Retail experience, desires to travel, Drng or Sundries' House; would go as Assistant Representative; accept moderate salary to commence; references; security. 157/2, Office of this Paper.

ENTERPRISING young gentleman desires position in Export department, Manufacturing Chemists; sound education; trade and technical knowledge Drugs and Chemicals and experience in Merchant office; position with opportunity for ultimate representative work. P.C.B. 28/14, Office of this Paper.

EX-OFFICER, 25, studied Biology, Chemistry and Physics for M.R.C.S., L.R.C.P., at Guy's Hospital Medical School, some commercial experience, good business connection, requires any position at home or abroad. 88959/ Office of this Paper.

EXPERT Salesman-Traveller, exceptional sales experience, desires a change; salary, expenses and commission (minimum £400); well-liked personality, and can make a streak of lightning look lazy for an appreciative manufacturer; would accept Sales Managership; had previous experience; anywhere. 159/34, Office of this Paper.

GENTLEMAN, 23, with best Retail experience, seeks post with Wholesale Chemists with view to travelling; conscientious and trustworthy; College trained and highest references. 55/719, Office of this Paper.

MAN, age 26, disengaged, seeks situation in Wholesale Manufacturing Chemists; 6 years' experience as Process Worker, Bismuth Salts, Calcium Chloride Fused, and Fine Chemicals generally; willing and good worker. P.C.B. 28/35, Office of this Paper.

MANUFACTURERS (London) who are desirous of obtaining at a moderate salary the services of a Sales Manager who can economically increase sales, investigate markets, extend overseas business, conduct advertising campaigns, and who is also an "ideas" man, write 165/33, Office of this Paper.

PHARMACIST, pre-war qualification, many years' Retail experience, desires post as Representative; travelling experience recently. Please apply 164/13, Office of this Paper.

PROPAGANDA Work with Doctors or Dentists.—Representative, with over 15 years' successful work, is open for re-engagement. "Specialist," 283 Stratford Road, Birmingham.

TRAVELLER, qualified Chemist, great experience, well-known Midlands and West of England, desires berth as Town Traveller, or on comparatively limited area, anywhere; experienced Salesman; excellent record and references. 164/4, Office of this Paper.

WORKS' Chemist, 26, B.Sc. Technology (Manchester); French and German; 2 years' experience as Assistant to Pharmacist. 5800/23, Office of this Paper.

YOUNG man, 22, unqualified, desires to enter Wholesale; energetic; intelligent; good address. "H.," 138 Milkwood Road, Herne Hill, S.E.24.

[COLONIAL, INDIAN AND FOREIGN.]

PERFUMER, Toilet Soapmaker, going to reside in Australia, June or July, 1925, desires position as Manufacturer's Buyer and General Foreman; practical in planning of works and fixing of machinery and general management; 28 years' experience; third generation in Perfumery and Toilet Soaps. 160/4, Office of this Paper.

MISCELLANEOUS.

10s. for 60 words; 1s. for every additional 10 words or less.

The ADVERTISER may if preferred have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

CHEMIST'S Fittings (second-hand).—Ranges of Drng Drawers, Shelving, All Glass Counters, Centre Cases, Window Fittings of all descriptions. D. MATTHEWS & SON, Chemist Fitters, 14/16, Manchester Street, Liverpool.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.2.

BIG BOOK ON PHOTOGRAPHY.—The British Journal Photographic Almanac for 1925 contains over 800 pages of interesting reading matter and advertisements. A wonderful two-shillings' worth of up-to-date information on everything Photographic. All photographic dealers and bookstalls can supply from stock or to order.

A Vacancy occurs for a First Class TRAVELLER

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FRUIT ESSENCES FACTORY
for the London Area and
principal provincial centres

*Those having good connections in the
Confectionery, Mineral Water Trades, etc.,
should write Box 254,*

c/o **T. DUNNILL SYKES, Ltd.**
329 High Holborn, LONDON, W.C.1

FRENCH, SPANISH AND ITALIAN LANGUAGES FOR CHEMISTS.

RAPID personal tuition given in the conversational and technical language required for Pharmacy practice; moderate fees. Write or apply, "Pharmacist," 2 Stirling Road, Clapham, S.W.9.

FOR SALE, first-class Toilet Recipes; registered in this country; satisfactory reasons for disposal. For further particulars apply 55/714, Office of this Paper.

LIMITED Companies formed not only for Chemists and Opticians, but for any trade. Established 1905. Books, seal, etc., are included in quotation. Advice free.
A. B. SLACK, 15 Christ Church Avenue, West Didsbury, Manchester.

PROFITS INCREASED.

SELL YOUR OWN RELIABLE PROPRIETARIES.

RETIRED Chemist will send particulars of 25 Money-making Preparations which have made a competency. Thoroughly genuine lines sold on their merits with little advertising and paying exceptionally good profit.

Recipes, the outcome of 50 years' experience, quite easily prepared, and every one guaranteed to give satisfaction.

TOM BROOKS, 1 Oakhurst Avenue, East Barnet, Herts.

SPECIAL Clearance Line of exquisitely gilt finished Wood Pulp Powder Bowls, 6 dozen, 7 in., 30s. per dozen; 6 dozen, 8 in., 36s. per dozen, assorted art colours; also Baby's Powder Boxes, red and black ground, fancy gilt finish, 1 gross, small, 6s. per dozen; 1 gross, large, 8s. per dozen; sample of either by post 3d. extra. Particulars on application in first instance to P.C.B. 29/8, Office of this Paper.

£144. SET of complete mahogany Shop Fittings, 7 ft. hand, some Dispensing Screen, 7 ft. Wall Case, 12 ft. Counter with cases in front, plate-glass Counter Case, two nests of Counter Drawers, 12 ft. Drug Fitting, Perfume Case and Desk, all-glass Counter; can easily be adapted. **PHILIP JOSEPHS & SONS, LTD.**, 93 Old Street, London, E.C.1.

To the Electors of the P.A.T.A. Council

(RETAIL SECTION).

I HAVE now been a member of the P.A.T.A. Council for two years, during which time I have strenuously opposed all attempts of Manufacturers of Proprietaries to reduce our profits; and have been nominated for re-election by the Birmingham Association.

I have been desirous of obtaining closer co-operation between the Executive of the R.P.U. and the Council of the P.A.T.A., and my position as Chairman of the "Price Protection Section" of the former body has given me the opportunity of placing my views before the Executive, with the result that the Propaganda Committee of the P.A.T.A. has been recently revived, and at its first meeting I was unanimously elected its Chairman.

If you honour me by again electing me to the Council, I shall endeavour, as in the past, to obtain for you better remuneration for your services, and to bring within the folds of the P.A.T.A. those articles which are still outside.

Assuring you that your interests shall always receive my earnest consideration,

I am, Yours faithfully,
HENRY H. MARSHALL.

All Unqualified Assistants, Dispensers & Apprentices should join at once

The NATIONAL DRUG & CHEMICAL UNION
(Incorporating the National Association of Chemists' Assistants)

BENEFITS: Trade Protection—Legal Aid—Unemployment Benefit—Free Use of Employment Bureau.

Write for particulars:—**ARTHUR J. GILLIAN, Gen. Sec.**
149 Newington Causeway, LONDON, S.E.1.

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MARTINDALE'S 7th, 9th, 12th, 15th (2 vols.) editions. Hawthorne, M.P.S., Barton-on-Humber, Lincs.

QUININE PESSARY MOULD, wedge shape; make 18 pessaries; price 70s. Bailey, 105 Grosvenor Road, Highbury, N.5.

HOLOPHANE LIGHTING FIXTURES, 12½-in. pendant reflector-refractor, two 9½-in. ceiling units, oxidised copper, £4. Scurr, Barnet.

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